Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004655.D
Acq On : 29 Apr 2021 13:27
Operator : SY/MD
Sample : VY0429SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Manual Integrations APPROVED
MMDadoda
4/30/2021 10:49:06 AM

Quant Time: Apr 30 04:32:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	165205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108554	59.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.28%			
35) Dibromofluoromethane	7.728	113	83666	56.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.02%			
50) Toluene-d8	10.185	98	356342	56.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.18%			
62) 4-Bromofluorobenzene	12.483	95	119884	56.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36022	23.53	ug/l	100
3) Chloromethane	2.119	50	50157	22.66	ug/l	98
4) Vinyl Chloride	2.260	62	51413	21.99	ug/l	100
5) Bromomethane	2.650	94	26354	23.11	ug/l	93
6) Chloroethane	2.796	64	31773	22.67	ug/l	99
7) Trichlorofluoromethane	3.131	101	62170	21.27	ug/l	99
8) Diethyl Ether	3.534	74	19977	20.22	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	33303	20.54	ug/l	98
10) Methyl Iodide	4.101	142	37035	19.08	ug/l	99
11) Tert butyl alcohol	4.979	59	19644	108.59	ug/l	98
12) 1,1-Dichloroethene	3.881	96	32262	20.12	ug/l	87
13) Acrolein	3.735	56	16438	81.74	ug/l	97
14) Allyl chloride	4.485	41	60420	19.70	ug/l	98
15) Acrylonitrile	5.180	53	55319	104.35	ug/l	99
16) Acetone	3.960	43	43455	100.00	ug/l	99
17) Carbon Disulfide	4.204	76	102560	20.77	ug/l	99
18) Methyl Acetate	4.491	43	25953	20.30	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	95819	19.89	ug/l	98
20) Methylene Chloride	4.729	84	47837	26.98	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	36839	20.30	ug/l	89
22) Diisopropyl ether	6.131	45	126615	19.53	ug/l	97
23) Vinyl Acetate	6.076	43	444130	100.64	ug/l	100
24) 1,1-Dichloroethane	6.027	63	66187	19.98	ug/l	98
25) 2-Butanone	6.997	43	72957	104.34	ug/l	97
26) 2,2-Dichloropropane	6.990	77	59995	20.19	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	39656	19.53	ug/l	98
28) Bromochloromethane	7.344	49	30150	20.03	ug/l	100
29) Tetrahydrofuran	7.356	42	51089	102.27	ug/l	98
30) Chloroform	7.515	83	64839	19.92	ug/l	98
31) Cyclohexane	7.795	56	67014	19.92	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	59582	20.18	ug/l	98
36) 1,1-Dichloropropene	7.923	75	52943	19.97	ug/l	99
37) Ethyl Acetate	7.088	43	37693	22.08	ug/l	98
38) Carbon Tetrachloride	7.905	117	47921	20.91	ug/l	98
39) Methylcyclohexane	9.185	83	65147	19.96	ug/l	96
40) Benzene	8.167	78	150828	20.25	ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004655.D
Acq On : 29 Apr 2021 13:27
Operator : SY/MD
Sample : VY0429SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Manual Integrations APPROVED
MMDadoda
4/30/2021 10:49:06 AM

Quant Time: Apr 30 04:32:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	18381m	17.77	ug/l		
42) 1,2-Dichloroethane	8.246	62	48407	20.71	ug/l		99
43) Isopropyl Acetate	8.283	43	67173	20.76	ug/l		99
44) Trichloroethene	8.941	130	41811	20.58	ug/l		99
45) 1,2-Dichloropropane	9.222	63	38672	20.11	ug/l		97
46) Dibromomethane	9.313	93	21407	20.45	ug/l		97
47) Bromodichloromethane	9.502	83	50832	20.06	ug/l		97
48) Methyl methacrylate	9.301	41	29519	19.81	ug/l		96
49) 1,4-Dioxane	9.307	88	6070	444.02	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.075	43	175615	105.65	ug/l		98
52) Toluene	10.246	92	93104	19.31	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	55996	20.03	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	62243	19.61	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	29355	20.35	ug/l		96
56) Ethyl methacrylate	10.514	69	41449	19.82	ug/l		96
57) 1,3-Dichloropropane	10.795	76	52022	20.21	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	115060	107.52	ug/l		99
59) 2-Hexanone	10.837	43	118396	106.25	ug/l		98
60) Dibromochloromethane	10.990	129	34361	20.05	ug/l		99
61) 1,2-Dibromoethane	11.087	107	28831	20.73	ug/l		98
64) Tetrachloroethene	10.721	164	44602	21.13	ug/l		97
65) Chlorobenzene	11.520	112	97830	19.78	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	34613	19.60	ug/l		99
67) Ethyl Benzene	11.593	91	176837	19.11	ug/l		99
68) m/p-Xylenes	11.703	106	134687	39.16	ug/l		100
69) o-Xylene	12.032	106	62296	19.33	ug/l		98
70) Styrene	12.044	104	101879	19.08	ug/l		98
71) Bromoform	12.209	173	20958	20.01	ug/l	#	99
73) Isopropylbenzene	12.331	105	168255	18.87	ug/l		99
74) N-amyl acetate	12.148	43	60281	20.08	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.581	83	33187	19.68	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	29788m	24.06	ug/l		
77) Bromobenzene	12.611	156	39164	19.60	ug/l		98
78) n-propylbenzene	12.672	91	207054	19.66	ug/l		99
79) 2-Chlorotoluene	12.758	91	111667	19.39	ug/l		100
80) 1,3,5-Trimethylbenzene	12.813	105	143343	19.78	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	13059	18.87	ug/l		91
82) 4-Chlorotoluene	12.855	91	117455	19.31	ug/l		99
83) tert-Butylbenzene	13.075	119	120890	19.49	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	143994	19.69	ug/l		99
85) sec-Butylbenzene	13.258	105	170972	19.76	ug/l		100
86) p-Isopropyltoluene	13.373	119	156026	19.83	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	71974	19.28	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	73523	19.57	ug/l		99
89) n-Butylbenzene	13.697	91	150162	19.99	ug/l		99
90) Hexachloroethane	13.959	117	22477	21.29	ug/l		100
91) 1,2-Dichlorobenzene	13.739	146	64908	19.59	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6250	20.65	ug/l		96
93) 1,2,4-Trichlorobenzene	15.007	180	43824	20.01	ug/l		100
94) Hexachlorobutadiene	15.111	225	23647	20.68	ug/l		100
95) Naphthalene	15.239	128	92909	19.51	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	38882	20.12	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004655.D
Acq On : 29 Apr 2021 13:27
Operator : SY/MD
Sample : VY0429SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Manual Integrations APPROVED
MMDadoda
4/30/2021 10:49:06 AM

Quant Time: Apr 30 04:32:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004655.D
Acq On : 29 Apr 2021 13:27
Operator : SY/MD
Sample : VY0429SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 30 04:32:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Manual Integrations APPROVED
MMDadoda
4/30/2021 10:49:06 AM