Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
Data File : VY004413.D
Acq On : 14 Apr 2021 11:40
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Manual Integrations APPROVED
MMDadoda
4/15/2021 5:37:31 PM

Quant Time: Apr 15 01:05:17 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	189244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	273889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	110890	52.74	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.48%			
35) Dibromofluoromethane	7.728	113	88191	52.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.76%			
50) Toluene-d8	10.185	98	376908	52.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.26%			
62) 4-Bromofluorobenzene	12.483	95	125498	51.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	35098	20.02	ug/l	98
3) Chloromethane	2.125	50	51356	20.26	ug/l	96
4) Vinyl Chloride	2.259	62	56396	21.06	ug/l	100
5) Bromomethane	2.643	94	27967	21.41	ug/l	100
6) Chloroethane	2.796	64	34727	21.63	ug/l	95
7) Trichlorofluoromethane	3.131	101	68157	20.35	ug/l	98
8) Diethyl Ether	3.539	74	23828	21.05	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	39057	21.03	ug/l	99
10) Methyl Iodide	4.100	142	43368	19.51	ug/l	99
11) Tert butyl alcohol	4.984	59	24365	117.58	ug/l	99
12) 1,1-Dichloroethene	3.881	96	37986	20.68	ug/l	99
13) Acrolein	3.741	56	24485	106.29	ug/l	99
14) Allyl chloride	4.490	41	72642	20.68	ug/l	99
15) Acrylonitrile	5.173	53	66777	109.96	ug/l	99
16) Acetone	3.960	43	48546	97.01	ug/l	98
17) Carbon Disulfide	4.198	76	117435	20.76	ug/l	99
18) Methyl Acetate	4.490	43	31341	21.40	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	117350	21.26	ug/l	99
20) Methylene Chloride	4.722	84	46609	22.95	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	43336	20.85	ug/l	94
22) Diisopropyl ether	6.130	45	153642	20.69	ug/l	97
23) Vinyl Acetate	6.069	43	539730	106.76	ug/l	99
24) 1,1-Dichloroethane	6.033	63	78694	20.74	ug/l	99
25) 2-Butanone	6.996	43	87200	108.87	ug/l	99
26) 2,2-Dichloropropane	6.984	77	70408	20.68	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	47556	20.45	ug/l	100
28) Bromochloromethane	7.344	49	33090	19.19	ug/l	99
29) Tetrahydrofuran	7.356	42	63204	110.45	ug/l	99
30) Chloroform	7.514	83	76399	20.49	ug/l	98
31) Cyclohexane	7.789	56	78341	20.32	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	69654	20.59	ug/l	99
36) 1,1-Dichloropropene	7.923	75	62094	20.60	ug/l	99
37) Ethyl Acetate	7.081	43	45062	23.21	ug/l	98
38) Carbon Tetrachloride	7.904	117	53299	20.45	ug/l	98
39) Methylcyclohexane	9.185	83	78180	21.06	ug/l	97
40) Benzene	8.167	78	176007	20.77	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
Data File : VY004413.D
Acq On : 14 Apr 2021 11:40
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Manual Integrations APPROVED
MMDadoda
4/15/2021 5:37:31 PM

Quant Time: Apr 15 01:05:17 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	7.338	41	25757m	21.89	ug/l		
42) 1,2-Dichloroethane	8.246	62	54624	20.55	ug/l		100
43) Isopropyl Acetate	8.276	43	82015	22.28	ug/l		100
44) Trichloroethene	8.947	130	48131	20.83	ug/l		95
45) 1,2-Dichloropropane	9.221	63	46024	21.05	ug/l		98
46) Dibromomethane	9.313	93	25262	21.22	ug/l		99
47) Bromodichloromethane	9.502	83	59878	20.78	ug/l		96
48) Methyl methacrylate	9.294	41	36344	21.44	ug/l		99
49) 1,4-Dioxane	9.301	88	7238	465.54	ug/l		96
51) 4-Methyl-2-Pentanone	10.075	43	211626	111.94	ug/l		100
52) Toluene	10.246	92	110343	20.13	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	67088	21.11	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	75728	20.98	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	35447	21.61	ug/l		96
56) Ethyl methacrylate	10.514	69	50195	21.10	ug/l		97
57) 1,3-Dichloropropane	10.794	76	63790	21.79	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	122695	100.81	ug/l		99
59) 2-Hexanone	10.837	43	141634	111.76	ug/l		100
60) Dibromochloromethane	10.989	129	40318	20.68	ug/l		98
61) 1,2-Dibromoethane	11.093	107	34281	21.68	ug/l		99
64) Tetrachloroethene	10.721	164	50412	21.14	ug/l		97
65) Chlorobenzene	11.520	112	115824	20.72	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	42013	21.06	ug/l		99
67) Ethyl Benzene	11.599	91	214308	20.49	ug/l		99
68) m/p-Xylenes	11.703	106	159072	40.93	ug/l		98
69) o-Xylene	12.032	106	75519	20.74	ug/l		98
70) Styrene	12.050	104	123350	20.45	ug/l		100
71) Bromoform	12.215	173	24353	20.58	ug/l	#	99
73) Isopropylbenzene	12.331	105	203372	20.34	ug/l		99
74) N-amyl acetate	12.148	43	72459	21.53	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40914	21.63	ug/l		98
76) 1,2,3-Trichloropropane	12.635	75	30954m	22.29	ug/l		
77) Bromobenzene	12.611	156	46615	20.80	ug/l		96
78) n-propylbenzene	12.672	91	243660	20.63	ug/l		99
79) 2-Chlorotoluene	12.757	91	133381	20.65	ug/l		98
80) 1,3,5-Trimethylbenzene	12.818	105	168222	20.70	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.379	75	16287	20.98	ug/l		98
82) 4-Chlorotoluene	12.861	91	140168	20.55	ug/l		99
83) tert-Butylbenzene	13.074	119	143253	20.60	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	168071	20.50	ug/l		100
85) sec-Butylbenzene	13.257	105	202964	20.92	ug/l		100
86) p-Isopropyltoluene	13.373	119	181304	20.54	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	87579	20.92	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	87400	20.74	ug/l		99
89) n-Butylbenzene	13.696	91	176297	20.93	ug/l		99
90) Hexachloroethane	13.964	117	24584	20.76	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	77485	20.86	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7596	22.38	ug/l		95
93) 1,2,4-Trichlorobenzene	15.007	180	51828	21.10	ug/l		98
94) Hexachlorobutadiene	15.117	225	27994	21.83	ug/l		97
95) Naphthalene	15.239	128	115989	21.72	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	46618	21.51	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
Data File : VY004413.D
Acq On : 14 Apr 2021 11:40
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Manual Integrations APPROVED
MMDadoda
4/15/2021 5:37:31 PM

Quant Time: Apr 15 01:05:17 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\VY041421\
Data File : VY004413.D
Acq On : 14 Apr 2021 11:40
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 15 01:05:17 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 :
VY0414SBS01

Manual Integrations APPROVED
MMDadoda
4/15/2021 5:37:31 PM