Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
Data File : VY004575.D
Acq On : 22 Apr 2021 11:21
Operator : SY/MD
Sample : VY0422SBSD01
Misc : 5.00G/7ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBSD01

Manual Integrations APPROVED
MMDadoda
4/23/2021 6:11:42 PM

Quant Time: Apr 23 09:17:42 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	7.801	168	135869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	225229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82708	54.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.58%			
35) Dibromofluoromethane	7.734	113	66714	53.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.74%			
50) Toluene-d8	10.185	98	278211	52.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.66%			
62) 4-Bromofluorobenzene	12.489	95	89441	49.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	24462	19.43	ug/l	100
3) Chloromethane	2.125	50	37596	20.65	ug/l	97
4) Vinyl Chloride	2.266	62	50649	26.35	ug/l	97
5) Bromomethane	2.656	94	21618	23.05	ug/l	95
6) Chloroethane	2.802	64	25949	22.51	ug/l	99
7) Trichlorofluoromethane	3.137	101	51444	21.40	ug/l	99
8) Diethyl Ether	3.546	74	17759	21.85	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	28091	21.06	ug/l	100
10) Methyl Iodide	4.107	142	30838	19.32	ug/l	99
11) Tert butyl alcohol	4.997	59	14866	99.92	ug/l	100
12) 1,1-Dichloroethene	3.887	96	27971	21.21	ug/l	92
13) Acrolein	3.747	56	15462	93.49	ug/l	98
14) Allyl chloride	4.503	41	55135	21.86	ug/l	98
15) Acrylonitrile	5.192	53	49342	113.17	ug/l	100
16) Acetone	3.973	43	35693	99.85	ug/l	95
17) Carbon Disulfide	4.210	76	85343	21.02	ug/l	100
18) Methyl Acetate	4.497	43	23699	22.54	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	85729	21.63	ug/l	97
20) Methylene Chloride	4.741	84	33642	23.07	ug/l	95
21) trans-1,2-Dichloroethene	5.247	96	31971	21.42	ug/l	95
22) Diisopropyl ether	6.143	45	118151	22.16	ug/l	98
23) Vinyl Acetate	6.082	43	406991	112.13	ug/l	98
24) 1,1-Dichloroethane	6.039	63	60388	22.17	ug/l	99
25) 2-Butanone	7.009	43	63289	110.06	ug/l	95
26) 2,2-Dichloropropane	6.996	77	53459	21.87	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	35581	21.31	ug/l	97
28) Bromochloromethane	7.350	49	25284	20.42	ug/l	97
29) Tetrahydrofuran	7.368	42	45149	109.89	ug/l	99
30) Chloroform	7.521	83	58509	21.86	ug/l	99
31) Cyclohexane	7.801	56	57250	20.69	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	52259	21.52	ug/l	98
36) 1,1-Dichloropropene	7.935	75	46129	20.61	ug/l	100
37) Ethyl Acetate	7.094	43	33714	23.39	ug/l	96
38) Carbon Tetrachloride	7.917	117	42281	21.85	ug/l	98
39) Methylcyclohexane	9.191	83	54719	19.86	ug/l	99
40) Benzene	8.173	78	134490	21.38	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
Data File : VY004575.D
Acq On : 22 Apr 2021 11:21
Operator : SY/MD
Sample : VY0422SBSD01
Misc : 5.00G/7ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBSD01

Manual Integrations APPROVED
MMDadoda
4/23/2021 6:11:42 PM

Quant Time: Apr 23 09:17:42 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	15743m	18.02	ug/l		
42) 1,2-Dichloroethane	8.252	62	42734	21.66	ug/l		99
43) Isopropyl Acetate	8.289	43	60451	22.13	ug/l		99
44) Trichloroethene	8.953	130	35992	20.99	ug/l		97
45) 1,2-Dichloropropane	9.228	63	35280	21.73	ug/l		100
46) Dibromomethane	9.319	93	19108	21.62	ug/l		96
47) Bromodichloromethane	9.508	83	46073	21.53	ug/l		99
48) Methyl methacrylate	9.301	41	27988	22.24	ug/l		97
49) 1,4-Dioxane	9.313	88	4497	389.62	ug/l		91
51) 4-Methyl-2-Pentanone	10.081	43	157090	111.93	ug/l		97
52) Toluene	10.252	92	81898	20.12	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	50773	21.52	ug/l		95
54) cis-1,3-Dichloropropene	9.935	75	55862	20.84	ug/l		94
55) 1,1,2-Trichloroethane	10.654	97	26200	21.52	ug/l		97
56) Ethyl methacrylate	10.520	69	36337	20.58	ug/l		93
57) 1,3-Dichloropropane	10.801	76	46535	21.41	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.795	63	94203	104.26	ug/l		98
59) 2-Hexanone	10.837	43	104473	111.05	ug/l		98
60) Dibromochloromethane	10.990	129	30796	21.28	ug/l		99
61) 1,2-Dibromoethane	11.093	107	25184	21.45	ug/l		99
64) Tetrachloroethene	10.727	164	37443	21.52	ug/l		99
65) Chlorobenzene	11.520	112	86148	21.13	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.599	131	31264	21.48	ug/l		98
67) Ethyl Benzene	11.599	91	158562	20.78	ug/l		98
68) m/p-Xylenes	11.709	106	116785	41.19	ug/l		99
69) o-Xylene	12.038	106	53577	20.17	ug/l		98
70) Styrene	12.050	104	90186	20.49	ug/l		99
71) Bromoform	12.215	173	18305	21.21	ug/l	#	100
73) Isopropylbenzene	12.337	105	149571	20.70	ug/l		100
74) N-amyl acetate	12.148	43	52300	21.49	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	28976	21.19	ug/l		97
76) 1,2,3-Trichloropropane	12.642	75	24081m	23.99	ug/l		
77) Bromobenzene	12.617	156	33377	20.60	ug/l		98
78) n-propylbenzene	12.678	91	180159	21.10	ug/l		98
79) 2-Chlorotoluene	12.764	91	96630	20.69	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	123550	21.03	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	11712	20.87	ug/l		99
82) 4-Chlorotoluene	12.861	91	101382	20.56	ug/l		99
83) tert-Butylbenzene	13.081	119	102230	20.33	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	122477	20.66	ug/l		99
85) sec-Butylbenzene	13.257	105	143311	20.43	ug/l		100
86) p-Isopropyltoluene	13.373	119	130541	20.46	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	63169	20.88	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	62598	20.55	ug/l		98
89) n-Butylbenzene	13.703	91	125212	20.56	ug/l		100
90) Hexachloroethane	13.965	117	19671	22.98	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	55684	20.73	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5144	20.96	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	36459	20.53	ug/l		99
94) Hexachlorobutadiene	15.117	225	19413	20.94	ug/l		98
95) Naphthalene	15.245	128	79033	20.47	ug/l		100
96) 1,2,3-Trichlorobenzene	15.434	180	32185	20.54	ug/l		100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
Data File : VY004575.D
Acq On : 22 Apr 2021 11:21
Operator : SY/MD
Sample : VY0422SBSD01
Misc : 5.00G/7ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBSD01

Manual Integrations APPROVED
MMDadoda
4/23/2021 6:11:42 PM

Quant Time: Apr 23 09:17:42 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\VY042221\
Data File : VY004575.D
Acq On : 22 Apr 2021 11:21
Operator : SY/MD
Sample : VY0422SBSD01
Misc : 5.00G/7ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 09:17:42 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 :
VY0422SBSD01

Manual Integrations APPROVED
MMDadoda
4/23/2021 6:11:42 PM