Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
Data File : VY004294.D
Acq On : 06 Apr 2021 11:39
Operator : SY/MD
Sample : VY0406SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBSD01

Manual Integrations APPROVED
MMDadoda
4/7/2021 5:16:39 PM

Quant Time: Apr 07 00:57:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	185838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	263472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86774	48.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.14%			
35) Dibromofluoromethane	7.728	113	74879	45.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.66%			
50) Toluene-d8	10.185	98	291585	46.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.86%			
62) 4-Bromofluorobenzene	12.483	95	98474	46.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	29957	18.61	ug/l	98
3) Chloromethane	2.119	50	43220	19.90	ug/l	98
4) Vinyl Chloride	2.259	62	48876	20.19	ug/l	98
5) Bromomethane	2.650	94	22998	17.27	ug/l	94
6) Chloroethane	2.796	64	29860	19.02	ug/l	97
7) Trichlorofluoromethane	3.131	101	63350	20.13	ug/l	99
8) Diethyl Ether	3.533	74	21105	20.90	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	36097	21.07	ug/l	98
10) Methyl Iodide	4.100	142	37756	19.07	ug/l	98
11) Tert butyl alcohol	4.978	59	19710	135.58	ug/l	98
12) 1,1-Dichloroethene	3.887	96	34346	20.43	ug/l	96
13) Acrolein	3.741	56	16084	125.76	ug/l	99
14) Allyl chloride	4.491	41	64708	24.16	ug/l	94
15) Acrylonitrile	5.180	53	58619	121.98	ug/l	99
16) Acetone	3.966	43	40249	108.14	ug/l	95
17) Carbon Disulfide	4.204	76	91483	20.70	ug/l	98
18) Methyl Acetate	4.491	43	28136	23.62	ug/l	97
19) Methyl tert-butyl Ether	5.240	73	107763	21.70	ug/l	96
20) Methylene Chloride	4.734	84	44366	22.96	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	38846	20.58	ug/l	94
22) Diisopropyl ether	6.131	45	144009	24.48	ug/l	96
23) Vinyl Acetate	6.076	43	467788	118.23	ug/l	98
24) 1,1-Dichloroethane	6.033	63	73570	22.96	ug/l	99
25) 2-Butanone	7.002	43	73009	117.42	ug/l	97
26) 2,2-Dichloropropane	6.990	77	67066	22.36	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	45763	21.42	ug/l	96
28) Bromochloromethane	7.344	49	33444	25.67	ug/l	91
29) Tetrahydrofuran	7.362	42	54056	123.40	ug/l	91
30) Chloroform	7.521	83	72768	21.34	ug/l	99
31) Cyclohexane	7.795	56	70140	22.22	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	65583	21.02	ug/l	98
36) 1,1-Dichloropropene	7.929	75	56507	20.88	ug/l	99
37) Ethyl Acetate	7.088	43	36273	22.85	ug/l	98
38) Carbon Tetrachloride	7.905	117	51567	21.91	ug/l	96
39) Methylcyclohexane	9.191	83	70007	20.89	ug/l	99
40) Benzene	8.167	78	163090	21.26	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.325	41	18379m	20.89	ug/l		
42) 1,2-Dichloroethane	8.246	62	50648	21.01	ug/l		99
43) Isopropyl Acetate	8.283	43	70388	23.42	ug/l		98
44) Trichloroethene	8.947	130	44799	18.34	ug/l		90
45) 1,2-Dichloropropane	9.221	63	42954	22.66	ug/l		98
46) Dibromomethane	9.313	93	23053	20.68	ug/l		95
47) Bromodichloromethane	9.502	83	56732	21.33	ug/l		99
48) Methyl methacrylate	9.301	41	32705	23.96	ug/l		96
49) 1,4-Dioxane	9.307	88	6257	430.52	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	180885	118.11	ug/l		98
52) Toluene	10.252	92	102201	20.72	ug/l		97
53) t-1,3-Dichloropropene	10.471	75	61282	21.61	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	69550	21.95	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	32436	21.24	ug/l		98
56) Ethyl methacrylate	10.514	69	44694	21.33	ug/l		93
57) 1,3-Dichloropropane	10.794	76	57292	21.74	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	113174	126.25	ug/l		96
59) 2-Hexanone	10.837	43	118410	112.47	ug/l		97
60) Dibromochloromethane	10.989	129	37380	20.42	ug/l		100
61) 1,2-Dibromoethane	11.093	107	30564	20.28	ug/l		99
64) Tetrachloroethene	10.721	164	44995	17.36	ug/l		98
65) Chlorobenzene	11.520	112	107688	20.49	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	39329	20.89	ug/l		99
67) Ethyl Benzene	11.599	91	200036	20.96	ug/l		98
68) m/p-Xylenes	11.709	106	149429	40.79	ug/l		99
69) o-Xylene	12.032	106	69833	20.37	ug/l		99
70) Styrene	12.050	104	113830	19.96	ug/l		98
71) Bromoform	12.215	173	22345	20.85	ug/l	#	96
73) Isopropylbenzene	12.331	105	193247	21.80	ug/l		98
74) N-amyl acetate	12.148	43	61918	23.90	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	36945	22.52	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	21582m	19.59	ug/l		
77) Bromobenzene	12.611	156	42058	20.26	ug/l		91
78) n-propylbenzene	12.672	91	225032	21.94	ug/l		98
79) 2-Chlorotoluene	12.757	91	121670	21.59	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	155476	21.50	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	14398	24.08	ug/l		94
82) 4-Chlorotoluene	12.861	91	128724	21.70	ug/l		98
83) tert-Butylbenzene	13.081	119	135760	21.73	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	155051	21.38	ug/l		99
85) sec-Butylbenzene	13.257	105	187102	21.75	ug/l		99
86) p-Isopropyltoluene	13.373	119	167697	20.96	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	81051	20.93	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	81477	21.30	ug/l		99
89) n-Butylbenzene	13.696	91	159934	21.73	ug/l		99
90) Hexachloroethane	13.965	117	22705	34.59	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	70307	20.23	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6137	20.05	ug/l		90
93) 1,2,4-Trichlorobenzene	15.013	180	47916	19.40	ug/l		100
94) Hexachlorobutadiene	15.117	225	24685	18.79	ug/l		99
95) Naphthalene	15.239	128	104197	19.88	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	42659	18.90	ug/l		98

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

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