Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
Data File : VY004254.D
Acq On : 02 Apr 2021 11:39
Operator : SY/MD
Sample : VY0402SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

Manual Integrations APPROVED
MMDadoda
4/5/2021 4:47:12 PM

Quant Time: Apr 02 22:57:56 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	207302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	329749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	94690	47.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.04%			
35) Dibromofluoromethane	7.728	113	84873	46.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.38%			
50) Toluene-d8	10.185	98	326482	47.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.48%			
62) 4-Bromofluorobenzene	12.483	95	110734	46.75	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	35674	19.87	ug/l	100
3) Chloromethane	2.119	50	47729	19.70	ug/l	98
4) Vinyl Chloride	2.259	62	52770	19.54	ug/l	98
5) Bromomethane	2.656	94	24977	16.81	ug/l	92
6) Chloroethane	2.802	64	32850	18.76	ug/l	99
7) Trichlorofluoromethane	3.137	101	67853	19.33	ug/l	93
8) Diethyl Ether	3.540	74	23006	20.42	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.911	101	39694	20.77	ug/l	98
10) Methyl Iodide	4.106	142	41843	18.95	ug/l	98
11) Tert butyl alcohol	4.984	59	19078	117.65	ug/l	98
12) 1,1-Dichloroethene	3.887	96	37258	19.87	ug/l	89
13) Acrolein	3.741	56	17495	121.98	ug/l	93
14) Allyl chloride	4.497	41	70432	23.58	ug/l	94
15) Acrylonitrile	5.186	53	61186	114.14	ug/l	99
16) Acetone	3.960	43	42896	103.32	ug/l	100
17) Carbon Disulfide	4.210	76	101123	20.51	ug/l	100
18) Methyl Acetate	4.497	43	28714	21.61	ug/l	96
19) Methyl tert-butyl Ether	5.240	73	115006	20.76	ug/l	97
20) Methylene Chloride	4.734	84	46409	21.37	ug/l	95
21) trans-1,2-Dichloroethene	5.240	96	42962	20.41	ug/l	98
22) Diisopropyl ether	6.137	45	153946	23.46	ug/l	96
23) Vinyl Acetate	6.076	43	499178	113.10	ug/l	97
24) 1,1-Dichloroethane	6.033	63	79263	22.17	ug/l	98
25) 2-Butanone	7.002	43	76829	110.77	ug/l	96
26) 2,2-Dichloropropane	7.002	77	72199	21.58	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	48876	20.50	ug/l	95
28) Bromochloromethane	7.350	49	36406	25.05	ug/l	89
29) Tetrahydrofuran	7.362	42	54759	112.06	ug/l	93
30) Chloroform	7.521	83	77619	20.41	ug/l	97
31) Cyclohexane	7.795	56	75819	21.53	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	70589	20.28	ug/l	99
36) 1,1-Dichloropropene	7.929	75	61479	20.42	ug/l	99
37) Ethyl Acetate	7.094	43	38200	21.63	ug/l	98
38) Carbon Tetrachloride	7.911	117	54164	20.69	ug/l	96
39) Methylcyclohexane	9.191	83	76397	20.50	ug/l	96
40) Benzene	8.173	78	178446	20.91	ug/l	99

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41) Methacrylonitrile	7.325	41	17231m	17.61	ug/l		
42) 1,2-Dichloroethane	8.252	62	54584	20.35	ug/l		100
43) Isopropyl Acetate	8.283	43	73383	21.95	ug/l		99
44) Trichloroethene	8.947	130	49314	18.15	ug/l		96
45) 1,2-Dichloropropane	9.228	63	46262	21.94	ug/l		99
46) Dibromomethane	9.313	93	23868	19.25	ug/l		96
47) Bromodichloromethane	9.508	83	60793	20.55	ug/l		97
48) Methyl methacrylate	9.301	41	33078	21.78	ug/l		96
49) 1,4-Dioxane	9.313	88	5993	315.62	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.075	43	186042	109.21	ug/l		98
52) Toluene	10.252	92	112137	20.44	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	66052	20.94	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	74516	21.14	ug/l		97
55) 1,1,2-Trichloroethane	10.654	97	34119	20.09	ug/l		98
56) Ethyl methacrylate	10.514	69	48522	20.82	ug/l		94
57) 1,3-Dichloropropane	10.800	76	61021	20.82	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	121374	121.72	ug/l		96
59) 2-Hexanone	10.837	43	123561	105.51	ug/l		97
60) Dibromochloromethane	10.989	129	40308	19.79	ug/l		99
61) 1,2-Dibromoethane	11.093	107	32611	19.45	ug/l		97
64) Tetrachloroethene	10.727	164	50108	17.52	ug/l		95
65) Chlorobenzene	11.520	112	116658	20.12	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	41049	19.76	ug/l		98
67) Ethyl Benzene	11.599	91	216156	20.53	ug/l		100
68) m/p-Xylenes	11.709	106	163302	40.40	ug/l		100
69) o-Xylene	12.038	106	76282	20.17	ug/l		99
70) Styrene	12.050	104	124325	19.76	ug/l		99
71) Bromoform	12.215	173	22974	19.43	ug/l	#	98
73) Isopropylbenzene	12.337	105	208800	20.87	ug/l		99
74) N-amyl acetate	12.148	43	65482	22.39	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	37296	20.14	ug/l		99
76) 1,2,3-Trichloropropane	12.642	75	22941m	18.44	ug/l		
77) Bromobenzene	12.617	156	46007	19.64	ug/l		93
78) n-propylbenzene	12.678	91	248197	21.44	ug/l		98
79) 2-Chlorotoluene	12.763	91	132459	20.82	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	170109	20.84	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.379	75	14953	22.16	ug/l		92
82) 4-Chlorotoluene	12.861	91	139931	20.90	ug/l		98
83) tert-Butylbenzene	13.080	119	146353	20.75	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	168666	20.60	ug/l		99
85) sec-Butylbenzene	13.257	105	202783	20.88	ug/l		100
86) p-Isopropyltoluene	13.373	119	186029	20.59	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	86842	19.87	ug/l		99
88) 1,4-Dichlorobenzene	13.452	146	88191	20.42	ug/l		99
89) n-Butylbenzene	13.702	91	177769	21.40	ug/l		99
90) Hexachloroethane	13.964	117	22231	30.97	ug/l		97
91) 1,2-Dichlorobenzene	13.745	146	78141	19.92	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6466	18.71	ug/l		93
93) 1,2,4-Trichlorobenzene	15.013	180	54398	19.51	ug/l		100
94) Hexachlorobutadiene	15.117	225	29050	19.59	ug/l		99
95) Naphthalene	15.239	128	114089	19.29	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	48311	18.96	ug/l		99

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

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