Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004401.D
Acq On : 13 Apr 2021 11:21
Operator : SY/MD
Sample : VY0413SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01

Manual Integrations APPROVED
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4/14/2021 6:27:10 PM

Quant Time: Apr 14 01:23:40 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	175926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	257048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111324	56.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.90%			
35) Dibromofluoromethane	7.728	113	89992	56.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.20%			
50) Toluene-d8	10.185	98	375276	55.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.98%			
62) 4-Bromofluorobenzene	12.483	95	126950	55.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	35143	21.56	ug/l	98
3) Chloromethane	2.125	50	49997	21.21	ug/l	96
4) Vinyl Chloride	2.260	62	66314	26.64	ug/l	99
5) Bromomethane	2.650	94	27150	22.35	ug/l	95
6) Chloroethane	2.796	64	33882	22.70	ug/l	98
7) Trichlorofluoromethane	3.131	101	67418	21.66	ug/l	99
8) Diethyl Ether	3.540	74	24271	23.07	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	38049	22.03	ug/l	100
10) Methyl Iodide	4.101	142	43449	21.02	ug/l	99
11) Tert butyl alcohol	4.979	59	24050	124.85	ug/l	98
12) 1,1-Dichloroethene	3.887	96	37301	21.84	ug/l	98
13) Acrolein	3.747	56	24397	113.93	ug/l	98
14) Allyl chloride	4.497	41	71680	21.95	ug/l	99
15) Acrylonitrile	5.180	53	63985	113.34	ug/l	99
16) Acetone	3.960	43	50041	109.84	ug/l	96
17) Carbon Disulfide	4.204	76	116529	22.16	ug/l	98
18) Methyl Acetate	4.491	43	29753	21.85	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	113811	22.18	ug/l	99
20) Methylene Chloride	4.729	84	43427	23.00	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	42958	22.23	ug/l	93
22) Diisopropyl ether	6.137	45	152136	22.04	ug/l	99
23) Vinyl Acetate	6.076	43	529601	112.69	ug/l	100
24) 1,1-Dichloroethane	6.039	63	78227	22.18	ug/l	99
25) 2-Butanone	7.003	43	85712	115.12	ug/l	95
26) 2,2-Dichloropropane	6.990	77	68979	21.80	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	47006	21.74	ug/l	98
28) Bromochloromethane	7.344	49	33950	21.18	ug/l	100
29) Tetrahydrofuran	7.362	42	59970	112.73	ug/l	99
30) Chloroform	7.521	83	76098	21.96	ug/l	99
31) Cyclohexane	7.795	56	76492	21.35	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	67793	21.56	ug/l	98
36) 1,1-Dichloropropene	7.929	75	60975	21.42	ug/l	99
37) Ethyl Acetate	7.088	43	42949	23.43	ug/l	99
38) Carbon Tetrachloride	7.911	117	52534	21.35	ug/l	99
39) Methylcyclohexane	9.191	83	74571	21.28	ug/l	98
40) Benzene	8.173	78	175693	21.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	23042m	20.74	ug/l		
42) 1,2-Dichloroethane	8.246	62	54654	21.78	ug/l		99
43) Isopropyl Acetate	8.283	43	79383	22.84	ug/l		98
44) Trichloroethene	8.947	130	48060	22.03	ug/l		98
45) 1,2-Dichloropropane	9.222	63	45341	21.96	ug/l		98
46) Dibromomethane	9.313	93	25153	22.37	ug/l		99
47) Bromodichloromethane	9.502	83	59091	21.71	ug/l		100
48) Methyl methacrylate	9.301	41	35418	22.13	ug/l		99
49) 1,4-Dioxane	9.307	88	7261	494.56	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.075	43	201911	113.10	ug/l		100
52) Toluene	10.252	92	109596	21.17	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	66540	22.17	ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	74909	21.97	ug/l		98
55) 1,1,2-Trichloroethane	10.654	97	35067	22.64	ug/l		95
56) Ethyl methacrylate	10.514	69	48008	21.37	ug/l		98
57) 1,3-Dichloropropane	10.795	76	60577	21.91	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	127482	110.92	ug/l		99
59) 2-Hexanone	10.837	43	136300	113.89	ug/l		100
60) Dibromochloromethane	10.990	129	39672	21.55	ug/l		99
61) 1,2-Dibromoethane	11.093	107	32642	21.86	ug/l		97
64) Tetrachloroethene	10.721	164	48578	21.71	ug/l		99
65) Chlorobenzene	11.520	112	113454	21.63	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	40389	21.57	ug/l		99
67) Ethyl Benzene	11.599	91	211889	21.59	ug/l		99
68) m/p-Xylenes	11.703	106	156791	42.99	ug/l		98
69) o-Xylene	12.032	106	73718	21.57	ug/l		99
70) Styrene	12.044	104	120840	21.35	ug/l		99
71) Bromoform	12.209	173	23265	20.95	ug/l	#	96
73) Isopropylbenzene	12.331	105	198447	21.15	ug/l		99
74) N-amyl acetate	12.148	43	70027	22.16	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	39450	22.22	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	29864m	22.91	ug/l		
77) Bromobenzene	12.611	156	46106	21.92	ug/l		98
78) n-propylbenzene	12.672	91	237365	21.41	ug/l		100
79) 2-Chlorotoluene	12.758	91	130580	21.54	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	165971	21.76	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	15364	21.09	ug/l		99
82) 4-Chlorotoluene	12.861	91	136559	21.33	ug/l		98
83) tert-Butylbenzene	13.081	119	141337	21.65	ug/l		100
84) 1,2,4-Trimethylbenzene	13.123	105	164775	21.41	ug/l		99
85) sec-Butylbenzene	13.258	105	195846	21.50	ug/l		99
86) p-Isopropyltoluene	13.373	119	176404	21.29	ug/l		100
87) 1,3-Dichlorobenzene	13.373	146	85165	21.68	ug/l		98
88) 1,4-Dichlorobenzene	13.453	146	85368	21.58	ug/l		99
89) n-Butylbenzene	13.703	91	167444	21.18	ug/l		99
90) Hexachloroethane	13.965	117	23226	20.90	ug/l		99
91) 1,2-Dichlorobenzene	13.745	146	75350	21.61	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6612	20.75	ug/l		95
93) 1,2,4-Trichlorobenzene	15.013	180	50558	21.92	ug/l		100
94) Hexachlorobutadiene	15.117	225	25812	21.44	ug/l		97
95) Naphthalene	15.239	128	110765	22.10	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	44774	22.01	ug/l		98

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

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

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