

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004651.D
 Acq On : 27 Apr 2021 14:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:10 PM

Quant Time: Apr 28 10:03:18 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	121748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	184867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	75044	55.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.96%			
35) Dibromofluoromethane	7.728	113	58492	53.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.12%			
50) Toluene-d8	10.185	98	249729	53.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.52%			
62) 4-Bromofluorobenzene	12.483	95	84295	52.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	52157	46.24	ug/l	97
3) Chloromethane	2.119	50	80941	49.62	ug/l	99
4) Vinyl Chloride	2.259	62	82402	47.83	ug/l	98
5) Bromomethane	2.661	94	45844	54.54	ug/l	95
6) Chloroethane	2.802	64	53679	51.97	ug/l	97
7) Trichlorofluoromethane	3.137	101	110060	51.08	ug/l	99
8) Diethyl Ether	3.545	74	37623	51.67	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.911	101	61731	51.65	ug/l	99
10) Methyl Iodide	4.106	142	66253	46.32	ug/l	98
11) Tert butyl alcohol	4.978	59	34531	259.03	ug/l	100
12) 1,1-Dichloroethene	3.887	96	58954	49.89	ug/l	96
13) Acrolein	3.747	56	35617	240.34	ug/l	99
14) Allyl chloride	4.497	41	115199	50.97	ug/l	98
15) Acrylonitrile	5.179	53	106118	271.63	ug/l	99
16) Acetone	3.960	43	84273	297.15	ug/l	95
17) Carbon Disulfide	4.210	76	175248	48.16	ug/l	100
18) Methyl Acetate	4.490	43	52305	55.51	ug/l	100
19) Methyl tert-butyl Ether	5.240	73	188500	53.08	ug/l	97
20) Methylene Chloride	4.734	84	72552	55.53	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	68397	51.15	ug/l	96
22) Diisopropyl ether	6.130	45	259178	54.25	ug/l	95
23) Vinyl Acetate	6.075	43	871360	267.92	ug/l	100
24) 1,1-Dichloroethane	6.033	63	130440	53.44	ug/l	98
25) 2-Butanone	7.002	43	144936	281.28	ug/l	98
26) 2,2-Dichloropropane	6.996	77	113587	51.87	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	79841	53.37	ug/l	100
28) Bromochloromethane	7.350	49	68815	62.04	ug/l	98
29) Tetrahydrofuran	7.362	42	99193	269.44	ug/l	99
30) Chloroform	7.520	83	131211	54.71	ug/l	98
31) Cyclohexane	7.795	56	119202	48.07	ug/l	98
32) 1,1,1-Trichloroethane	7.715	97	116310	53.45	ug/l	99
36) 1,1-Dichloropropene	7.929	75	100867	51.10	ug/l	100
37) Ethyl Acetate	7.094	43	68171	53.63	ug/l	98
38) Carbon Tetrachloride	7.911	117	95536	55.99	ug/l	98
39) Methylcyclohexane	9.191	83	119996	49.38	ug/l	99
40) Benzene	8.173	78	293340	52.88	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	32070m	41.63	ug/l	
42) 1,2-Dichloroethane	8.246	62	93949	53.99	ug/l	100
43) Isopropyl Acetate	8.282	43	130448	54.14	ug/l	99
44) Trichloroethene	8.947	130	78744	52.06	ug/l	94
45) 1,2-Dichloropropane	9.221	63	77751	54.31	ug/l	99
46) Dibromomethane	9.313	93	42335	54.32	ug/l	98
47) Bromodichloromethane	9.502	83	104408	55.33	ug/l	100
48) Methyl methacrylate	9.301	41	61083	55.05	ug/l	98
49) 1,4-Dioxane	9.307	88	11012	1081.83	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	345414	279.07	ug/l	99
52) Toluene	10.252	92	183875	51.23	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	111426	53.54	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	124920	52.85	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	57943	53.95	ug/l	99
56) Ethyl methacrylate	10.514	69	83782	53.80	ug/l	96
57) 1,3-Dichloropropane	10.794	76	103831	54.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	237736	298.35	ug/l	98
59) 2-Hexanone	10.837	43	235205	283.48	ug/l	98
60) Dibromochloromethane	10.989	129	70841	55.51	ug/l	100
61) 1,2-Dibromoethane	11.093	107	55973	54.06	ug/l	98
64) Tetrachloroethene	10.721	164	84270	52.36	ug/l	99
65) Chlorobenzene	11.520	112	191539	50.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	70833	52.60	ug/l	100
67) Ethyl Benzene	11.599	91	360391	51.06	ug/l	99
68) m/p-Xylenes	11.709	106	268263	102.28	ug/l	99
69) o-Xylene	12.032	106	125058	50.88	ug/l	99
70) Styrene	12.050	104	214231	52.62	ug/l	99
71) Bromoform	12.215	173	41595	52.08	ug/l #	99
73) Isopropylbenzene	12.337	105	345028	50.58	ug/l	99
74) N-amyl acetate	12.148	43	118605	51.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65016	50.38	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	52176m	55.07	ug/l	
77) Bromobenzene	12.611	156	75960	49.68	ug/l	98
78) n-propylbenzene	12.672	91	411065	51.01	ug/l	98
79) 2-Chlorotoluene	12.763	91	223502	50.72	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	287532	51.86	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	25917	48.94	ug/l	99
82) 4-Chlorotoluene	12.861	91	237118	50.95	ug/l	100
83) tert-Butylbenzene	13.080	119	242264	51.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	289137	51.68	ug/l	99
85) sec-Butylbenzene	13.257	105	339951	51.36	ug/l	99
86) p-Isopropyltoluene	13.373	119	310791	51.62	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	145667	51.01	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	144150	50.15	ug/l	99
89) n-Butylbenzene	13.702	91	298254	51.90	ug/l	98
90) Hexachloroethane	13.964	117	46487	57.55	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	128387	50.65	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11358	49.05	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	81578	48.67	ug/l	99
94) Hexachlorobutadiene	15.117	225	44465	50.82	ug/l	99
95) Naphthalene	15.238	128	176906	48.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	71736	48.52	ug/l	100

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

