

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002931.D
 Acq On : 18 Jun 2020 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:12:16 PM

Quant Time: Jun 19 06:27:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	455846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	132793	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.72	113	138751	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.18	98	517340	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.48	95	188524	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78816	37.853	ug/l	98
3) Chloromethane	2.12	50	95311	41.384	ug/l	99
4) Vinyl Chloride	2.26	62	105935	43.518	ug/l	98
5) Bromomethane	2.65	94	82678	45.322	ug/l	98
6) Chloroethane	2.80	64	74626	47.290	ug/l	98
7) Trichlorofluoromethane	3.13	101	201206	46.669	ug/l	99
8) Diethyl Ether	3.54	74	81506	48.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127876	49.955	ug/l	99
10) Methyl Iodide	4.10	142	164466	45.916	ug/l	99
11) Tert butyl alcohol	4.97	59	74613	264.977	ug/l	99
12) 1,1-Dichloroethene	3.88	96	124015	48.174	ug/l	98
13) Acrolein	3.74	56	58660	190.511	ug/l	99
14) Allyl chloride	4.49	41	191311	51.815	ug/l	97
15) Acrylonitrile	5.18	53	208674	274.763	ug/l	100
16) Acetone	3.96	43	156513	254.035	ug/l	100
17) Carbon Disulfide	4.20	76	322849	41.502	ug/l	97
18) Methyl Acetate	4.49	43	89373	57.965	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	380591	53.553	ug/l	100
20) Methylene Chloride	4.72	84	168067	55.820	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	139008	48.015	ug/l	98
22) Diisopropyl ether	6.13	45	414497	54.024	ug/l	95
23) Vinyl Acetate	6.07	43	1396852	275.753	ug/l	99
24) 1,1-Dichloroethane	6.03	63	237124	52.832	ug/l	100
25) 2-Butanone	7.00	43	258941	269.759	ug/l	98
26) 2,2-Dichloropropane	6.99	77	203625	47.305	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	165144	50.955	ug/l	100
28) Bromochloromethane	7.34	49	105446	57.230	ug/l	98
29) Tetrahydrofuran	7.36	42	171403	274.519	ug/l	99
30) Chloroform	7.52	83	250899	52.680	ug/l	97
31) Cyclohexane	7.79	56	198649	44.578	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	221333	49.871	ug/l	100
36) 1,1-Dichloropropene	7.93	75	181475	47.260	ug/l	99
37) Ethyl Acetate	7.08	43	114041	54.586	ug/l	99
38) Carbon Tetrachloride	7.91	117	201321	47.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230423	45.526	ug/l	99
40) Benzene	8.17	78	557189	49.108	ug/l	99
41) Methacrylonitrile	7.33	41	67199m	59.872	ug/l	
42) 1,2-Dichloroethane	8.24	62	159282	50.092	ug/l	99
43) Isopropyl Acetate	8.28	43	213607	53.954	ug/l	99
44) Trichloroethene	8.94	130	171128	47.749	ug/l	97
45) 1,2-Dichloropropane	9.22	63	141902	52.152	ug/l	99
46) Dibromomethane	9.31	93	84199	52.105	ug/l	98
47) Bromodichloromethane	9.50	83	200880	52.731	ug/l	97
48) Methyl methacrylate	9.30	41	97551	54.582	ug/l	98
49) 1,4-Dioxane	9.30	88	24871	1002.372	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	579852	276.590	ug/l	99
52) Toluene	10.24	92	364193	49.066	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	213853	51.395	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	241456	51.212	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	128879	52.095	ug/l	97
56) Ethyl methacrylate	10.51	69	176577	53.288	ug/l	99
57) 1,3-Dichloropropane	10.79	76	210410	51.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	435819	269.169	ug/l	99
59) 2-Hexanone	10.83	43	404346	271.835	ug/l	100
60) Dibromochloromethane	10.99	129	162538	51.821	ug/l	99
61) 1,2-Dibromoethane	11.09	107	126422	51.803	ug/l	100
64) Tetrachloroethene	10.72	164	177751	45.888	ug/l	98
65) Chlorobenzene	11.52	112	416321	49.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	160502	50.589	ug/l	98
67) Ethyl Benzene	11.59	91	711760	48.737	ug/l	100
68) m/p-Xylenes	11.70	106	546800	96.570	ug/l	100
69) o-Xylene	12.03	106	264267	49.439	ug/l	100
70) Styrene	12.04	104	464688	50.148	ug/l	100
71) Bromoform	12.20	173	110728	52.159	ug/l	100
73) Isopropylbenzene	12.33	105	712427	48.836	ug/l	100
74) N-amyl acetate	12.14	43	199705	53.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	141686	55.355	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105425m	51.397	ug/l	
77) Bromobenzene	12.61	156	186309	49.047	ug/l	98
78) n-propylbenzene	12.67	91	818941	48.599	ug/l	100
79) 2-Chlorotoluene	12.75	91	464367	49.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	596138	48.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56596	51.983	ug/l	99
82) 4-Chlorotoluene	12.85	91	484796	48.952	ug/l	100
83) tert-Butylbenzene	13.08	119	537008	49.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	597937	48.821	ug/l	100
85) sec-Butylbenzene	13.25	105	718278	48.349	ug/l	100
86) p-Isopropyltoluene	13.37	119	679105	49.127	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	355224	49.369	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	350642	48.716	ug/l	100
89) n-Butylbenzene	13.69	91	605425	48.240	ug/l	100
90) Hexachloroethane	13.96	117	128992	49.845	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	327427	50.178	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26480	53.773	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	241603	49.121	ug/l	100
94) Hexachlorobutadiene	15.11	225	135132	48.440	ug/l	99
95) Naphthalene	15.23	128	508550	51.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	217071	49.422	ug/l	100

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

