

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003514.D
 Acq On : 04 Nov 2020 17:47
 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
 11/5/2020 7:01:46 PM

Quant Time: Nov 05 00:53:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	221531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114339	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.72	113	97710	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.18	98	396659	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.48	95	139260	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	80157	45.731	ug/l	100
3) Chloromethane	2.12	50	109328	47.380	ug/l	99
4) Vinyl Chloride	2.25	62	125516	48.458	ug/l	100
5) Bromomethane	2.65	94	94137	43.500	ug/l	97
6) Chloroethane	2.79	64	80711	52.280	ug/l	99
7) Trichlorofluoromethane	3.13	101	165911	50.463	ug/l	99
8) Diethyl Ether	3.54	74	54702	54.257	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95047	52.306	ug/l	99
10) Methyl Iodide	4.10	142	99352	52.968	ug/l	99
11) Tert butyl alcohol	4.96	59	72263	326.718	ug/l	95
12) 1,1-Dichloroethene	3.88	96	92441	51.130	ug/l	97
13) Acrolein	3.74	56	36619	194.289	ug/l	99
14) Allyl chloride	4.49	41	170670	51.742	ug/l	100
15) Acrylonitrile	5.18	53	137467	255.433	ug/l	98
16) Acetone	3.95	43	173205	231.187	ug/l	99
17) Carbon Disulfide	4.20	76	292570	49.952	ug/l	99
18) Methyl Acetate	4.49	43	72466	51.183	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	248999	55.605	ug/l	98
20) Methylene Chloride	4.72	84	108669	51.504	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	108202	51.685	ug/l	95
22) Diisopropyl ether	6.13	45	325425	56.249	ug/l	98
23) Vinyl Acetate	6.07	43	1183285	272.174	ug/l	99
24) 1,1-Dichloroethane	6.02	63	196612	53.480	ug/l	98
25) 2-Butanone	6.99	43	233076	248.739	ug/l	99
26) 2,2-Dichloropropane	6.99	77	176582	51.556	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	122760	54.116	ug/l	100
28) Bromochloromethane	7.34	49	97886	52.926	ug/l	98
29) Tetrahydrofuran	7.35	42	126999	259.377	ug/l	99
30) Chloroform	7.51	83	196306	54.364	ug/l	98
31) Cyclohexane	7.79	56	165146	48.515	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	179493	53.283	ug/l	100
36) 1,1-Dichloropropene	7.92	75	155745	52.205	ug/l	99
37) Ethyl Acetate	7.08	43	95116	51.344	ug/l	98
38) Carbon Tetrachloride	7.90	117	162364	52.461	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	173893	52.348	ug/l	99
40) Benzene	8.16	78	439776	52.970	ug/l	100
41) Methacrylonitrile	7.33	41	50791m	51.342	ug/l	
42) 1,2-Dichloroethane	8.24	62	139579	53.655	ug/l	99
43) Isopropyl Acetate	8.27	43	177101	53.194	ug/l	99
44) Trichloroethene	8.94	130	123545	53.007	ug/l	99
45) 1,2-Dichloropropane	9.22	63	114891	54.798	ug/l	99
46) Dibromomethane	9.30	93	62621	54.288	ug/l	99
47) Bromodichloromethane	9.50	83	157464	55.774	ug/l	100
48) Methyl methacrylate	9.29	41	83133	53.008	ug/l	97
49) 1,4-Dioxane	9.30	88	15326	1064.850	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	474542	267.521	ug/l	99
52) Toluene	10.24	92	281170	54.146	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	165300	55.017	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	185504	54.867	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	90469	55.251	ug/l	95
56) Ethyl methacrylate	10.51	69	124818	56.911	ug/l	99
57) 1,3-Dichloropropane	10.79	76	157481	55.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	296976	267.104	ug/l	99
59) 2-Hexanone	10.83	43	345286	262.901	ug/l	99
60) Dibromochloromethane	10.98	129	114599	56.943	ug/l	100
61) 1,2-Dibromoethane	11.08	107	86839	54.933	ug/l	98
64) Tetrachloroethene	10.72	164	116755	52.720	ug/l	97
65) Chlorobenzene	11.52	112	307464	53.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	118039	54.329	ug/l	99
67) Ethyl Benzene	11.59	91	558273	53.441	ug/l	98
68) m/p-Xylenes	11.70	106	426687	107.784	ug/l	99
69) o-Xylene	12.03	106	198466	54.500	ug/l	97
70) Styrene	12.04	104	345197	55.829	ug/l	100
71) Bromoform	12.20	173	78849	54.447	ug/l	99
73) Isopropylbenzene	12.33	105	551436	50.259	ug/l	100
74) N-amyl acetate	12.14	43	161912	52.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115088	49.108	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	88606m	49.858	ug/l	
77) Bromobenzene	12.60	156	140962	50.566	ug/l	100
78) n-propylbenzene	12.67	91	659741	51.049	ug/l	99
79) 2-Chlorotoluene	12.75	91	366380	50.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	478769	52.666	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40603	47.686	ug/l	99
82) 4-Chlorotoluene	12.85	91	388280	51.459	ug/l	100
83) tert-Butylbenzene	13.07	119	416752	51.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	483041	53.166	ug/l	100
85) sec-Butylbenzene	13.25	105	572988	52.486	ug/l	100
86) p-Isopropyltoluene	13.36	119	542509	53.584	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	274895	52.935	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	269431	52.176	ug/l	99
89) n-Butylbenzene	13.69	91	498057	53.859	ug/l	100
90) Hexachloroethane	13.95	117	89930	52.778	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	246495	53.432	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	20611	48.583	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	180555	55.332	ug/l	100
94) Hexachlorobutadiene	15.11	225	114079	54.345	ug/l	99
95) Naphthalene	15.23	128	341393	52.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	161503	55.021	ug/l	98

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

