

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003523.D
 Acq On : 12 Nov 2020 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 11/13/2020 6:13:28 PM

Quant Time: Nov 13 02:08:16 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	7.79	168	231775	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	319084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	111491	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.72	113	99117	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.18	98	402742	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	137577	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	89008	48.537	ug/l	99
3) Chloromethane	2.12	50	120615	49.961	ug/l	98
4) Vinyl Chloride	2.26	62	136437	50.347	ug/l	98
5) Bromomethane	2.65	94	91694	40.498	ug/l	99
6) Chloroethane	2.80	64	80508	49.844	ug/l	100
7) Trichlorofluoromethane	3.13	101	168654	49.031	ug/l	94
8) Diethyl Ether	3.53	74	51247	48.583	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95937	50.462	ug/l	99
10) Methyl Iodide	4.09	142	102367	52.233	ug/l	99
11) Tert butyl alcohol	4.96	59	55490	233.696	ug/l	98
12) 1,1-Dichloroethene	3.88	96	92140	48.711	ug/l	99
13) Acrolein	3.74	56	44896	227.676	ug/l	99
14) Allyl chloride	4.49	41	168003	48.682	ug/l	100
15) Acrylonitrile	5.18	53	126342	224.385	ug/l	99
16) Acetone	3.95	43	232531	296.655	ug/l	96
17) Carbon Disulfide	4.20	76	278396	45.431	ug/l	100
18) Methyl Acetate	4.48	43	70127	47.342	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	228259	48.721	ug/l	96
20) Methylene Chloride	4.72	84	100600	45.572	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	107771	49.204	ug/l	98
22) Diisopropyl ether	6.12	45	302524	49.980	ug/l	99
23) Vinyl Acetate	6.07	43	1088108	239.220	ug/l	100
24) 1,1-Dichloroethane	6.02	63	189811	49.348	ug/l	99
25) 2-Butanone	6.99	43	263094	268.365	ug/l	99
26) 2,2-Dichloropropane	6.99	77	180462	50.361	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	118336	49.860	ug/l	99
28) Bromochloromethane	7.34	49	91646	47.362	ug/l	99
29) Tetrahydrofuran	7.35	42	114055	222.646	ug/l	100
30) Chloroform	7.51	83	189847	50.252	ug/l	97
31) Cyclohexane	7.78	56	162892	45.738	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	177991	50.502	ug/l	99
36) 1,1-Dichloropropene	7.92	75	154524	51.363	ug/l	100
37) Ethyl Acetate	7.08	43	85177	45.595	ug/l	100
38) Carbon Tetrachloride	7.90	117	163864	52.503	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	171187	51.103	ug/l	99
40) Benzene	8.16	78	424366	50.687	ug/l	99
41) Methacrylonitrile	7.33	41	49387m	49.506	ug/l	
42) 1,2-Dichloroethane	8.24	62	130299	49.669	ug/l	100
43) Isopropyl Acetate	8.27	43	158701	47.270	ug/l	99
44) Trichloroethene	8.94	130	123351	52.482	ug/l	99
45) 1,2-Dichloropropane	9.22	63	107807	50.990	ug/l	99
46) Dibromomethane	9.30	93	57964	49.831	ug/l	99
47) Bromodichloromethane	9.50	83	148352	52.108	ug/l	99
48) Methyl methacrylate	9.29	41	76893	48.620	ug/l	98
49) 1,4-Dioxane	9.30	88	13884	956.603	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	429212	239.945	ug/l	99
52) Toluene	10.24	92	271824	51.909	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	155377	51.283	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	175779	51.557	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	82983	50.256	ug/l	97
56) Ethyl methacrylate	10.51	69	112574	50.899	ug/l	99
57) 1,3-Dichloropropane	10.79	76	146008	50.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	278411	248.315	ug/l	99
59) 2-Hexanone	10.83	43	359450	271.399	ug/l	100
60) Dibromochloromethane	10.98	129	105931	52.197	ug/l	100
61) 1,2-Dibromoethane	11.09	107	79703	49.998	ug/l	99
64) Tetrachloroethene	10.72	164	115350	53.344	ug/l	97
65) Chlorobenzene	11.52	112	292997	52.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	112271	52.922	ug/l	99
67) Ethyl Benzene	11.59	91	537001	52.646	ug/l	100
68) m/p-Xylenes	11.70	106	411076	106.348	ug/l	100
69) o-Xylene	12.03	106	190404	53.549	ug/l	99
70) Styrene	12.04	104	325691	53.947	ug/l	100
71) Bromoform	12.20	173	72514	51.282	ug/l #	99
73) Isopropylbenzene	12.33	105	536472	51.793	ug/l	100
74) N-amyl acetate	12.14	43	141331	48.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	102417	46.291	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	82222m	49.008	ug/l	
77) Bromobenzene	12.61	156	132515	50.353	ug/l	98
78) n-propylbenzene	12.67	91	630763	51.699	ug/l	100
79) 2-Chlorotoluene	12.75	91	349993	51.345	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	457897	53.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37442	46.579	ug/l	99
82) 4-Chlorotoluene	12.85	91	366393	51.436	ug/l	99
83) tert-Butylbenzene	13.07	119	394560	51.838	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	458251	53.426	ug/l	99
85) sec-Butylbenzene	13.25	105	552671	53.626	ug/l	100
86) p-Isopropyltoluene	13.36	119	518467	54.245	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	261279	53.295	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	257298	52.780	ug/l	99
89) n-Butylbenzene	13.69	91	478821	54.848	ug/l	100
90) Hexachloroethane	13.95	117	85252	52.998	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	228533	52.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18380	45.892	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	170600	55.380	ug/l	99
94) Hexachlorobutadiene	15.11	225	112554	56.797	ug/l	97
95) Naphthalene	15.23	128	312655	50.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	148790	53.694	ug/l	99

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

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