

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003479.D
 Acq On : 02 Nov 2020 17:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 02:33:18 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	240550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	346883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	321265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	125435	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
35) Dibromofluoromethane	7.73	113	107031	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.18	98	431570	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.48	95	147989	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	92671	48.691	ug/l	99
3) Chloromethane	2.12	50	124045	49.508	ug/l	99
4) Vinyl Chloride	2.26	62	139084	49.451	ug/l	100
5) Bromomethane	2.66	94	100855	42.920	ug/l	99
6) Chloroethane	2.80	64	83051	49.543	ug/l	99
7) Trichlorofluoromethane	3.13	101	174177	48.789	ug/l	98
8) Diethyl Ether	3.54	74	58762	53.675	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	98448	49.894	ug/l	99
10) Methyl Iodide	4.10	142	99767	49.330	ug/l	99
11) Tert butyl alcohol	4.97	59	60952	248.673	ug/l	100
12) 1,1-Dichloroethene	3.88	96	96067	48.934	ug/l	96
13) Acrolein	3.74	56	44339	216.649	ug/l	99
14) Allyl chloride	4.49	41	181655	50.718	ug/l	99
15) Acrylonitrile	5.18	53	148393	253.934	ug/l	100
16) Acetone	3.96	43	171038	210.244	ug/l	99
17) Carbon Disulfide	4.21	76	313453	49.286	ug/l	98
18) Methyl Acetate	4.49	43	79849	51.939	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	267579	55.030	ug/l	97
20) Methylene Chloride	4.73	84	112470	49.091	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	112911	49.670	ug/l	98
22) Diisopropyl ether	6.13	45	343615	54.697	ug/l	96
23) Vinyl Acetate	6.08	43	1270394	269.107	ug/l	100
24) 1,1-Dichloroethane	6.04	63	204482	51.223	ug/l	100
25) 2-Butanone	7.00	43	241869	237.715	ug/l	100
26) 2,2-Dichloropropane	7.00	77	181163	48.712	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	126869	51.505	ug/l	100
28) Bromochloromethane	7.35	49	105535	52.550	ug/l	98
29) Tetrahydrofuran	7.36	42	138002	259.565	ug/l	99
30) Chloroform	7.52	83	205205	52.336	ug/l	99
31) Cyclohexane	7.79	56	175779	47.556	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	186437	50.968	ug/l	100
36) 1,1-Dichloropropene	7.92	75	164060	50.163	ug/l	100
37) Ethyl Acetate	7.08	43	103502	50.964	ug/l	98
38) Carbon Tetrachloride	7.91	117	167384	49.333	ug/l	99

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39) Methylcyclohexane	9.19	83	183305	50.335	ug/l	98
40) Benzene	8.17	78	460585	50.604	ug/l	100
41) Methacrylonitrile	7.32	41	56508m	52.105	ug/l	
42) 1,2-Dichloroethane	8.25	62	147573	51.746	ug/l	100
43) Isopropyl Acetate	8.28	43	191856	52.565	ug/l	100
44) Trichloroethene	8.94	130	127595	49.937	ug/l	100
45) 1,2-Dichloropropane	9.22	63	120378	52.373	ug/l	99
46) Dibromomethane	9.31	93	65431	51.743	ug/l	98
47) Bromodichloromethane	9.50	83	164457	53.135	ug/l	99
48) Methyl methacrylate	9.30	41	91842	53.418	ug/l	98
49) 1,4-Dioxane	9.30	88	16883	1070.012	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	510420	262.476	ug/l	98
52) Toluene	10.25	92	291820	51.262	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	176174	53.487	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	197534	53.295	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	93995	52.363	ug/l	98
56) Ethyl methacrylate	10.51	69	131588	54.728	ug/l	98
57) 1,3-Dichloropropane	10.79	76	164981	52.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	316976	260.055	ug/l	99
59) 2-Hexanone	10.83	43	362637	251.863	ug/l	100
60) Dibromochloromethane	10.99	129	118544	53.731	ug/l	100
61) 1,2-Dibromoethane	11.09	107	89958	51.909	ug/l	99
64) Tetrachloroethene	10.72	164	117333	48.904	ug/l	100
65) Chlorobenzene	11.52	112	313934	50.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	121652	51.683	ug/l	99
67) Ethyl Benzene	11.60	91	574332	50.748	ug/l	100
68) m/p-Xylenes	11.70	106	436898	101.870	ug/l	99
69) o-Xylene	12.03	106	205026	51.969	ug/l	99
70) Styrene	12.05	104	352952	52.691	ug/l	100
71) Bromoform	12.21	173	81383	51.872	ug/l #	99
73) Isopropylbenzene	12.33	105	559249	49.927	ug/l	100
74) N-amyl acetate	12.14	43	169589	53.450	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	119964	50.140	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	88162m	48.592	ug/l	
77) Bromobenzene	12.61	156	142327	50.010	ug/l	99
78) n-propylbenzene	12.67	91	665503	50.440	ug/l	100
79) 2-Chlorotoluene	12.76	91	371647	50.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	478428	51.551	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	41479	47.717	ug/l	98
82) 4-Chlorotoluene	12.86	91	390094	50.640	ug/l	100
83) tert-Butylbenzene	13.08	119	420449	51.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	478342	51.570	ug/l	100
85) sec-Butylbenzene	13.25	105	567646	50.932	ug/l	100
86) p-Isopropyltoluene	13.37	119	527105	50.996	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	271096	51.134	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	266407	50.534	ug/l	100
89) n-Butylbenzene	13.70	91	488004	51.691	ug/l	100
90) Hexachloroethane	13.96	117	88792	51.043	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	242379	51.464	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21596	49.862	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.01	180	178436	53.562	ug/l	100
94) Hexachlorobutadiene	15.11	225	109620	51.151	ug/l	99
95) Naphthalene	15.23	128	356909	53.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	160801	53.660	ug/l	99

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

