

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002880.D
 Acq On : 11 Jun 2020 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 16:44:59 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	287654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	416452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	386499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114706	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	7.72	113	116734	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.18	98	456250	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.48	95	161699	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	87436	44.175	ug/l	94
3) Chloromethane	2.12	50	96153	43.920	ug/l	99
4) Vinyl Chloride	2.26	62	111449	48.163	ug/l	98
5) Bromomethane	2.65	94	77317	44.586	ug/l	98
6) Chloroethane	2.80	64	68499	45.664	ug/l	99
7) Trichlorofluoromethane	3.13	101	191751	46.788	ug/l	97
8) Diethyl Ether	3.54	74	69515	43.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	117317	48.212	ug/l	98
10) Methyl Iodide	4.10	142	156615	45.997	ug/l	99
11) Tert butyl alcohol	4.96	59	60863	225.472	ug/l	100
12) 1,1-Dichloroethene	3.88	96	114647	46.850	ug/l	97
13) Acrolein	3.74	56	55728	190.396	ug/l	98
14) Allyl chloride	4.49	41	165346	47.111	ug/l	98
15) Acrylonitrile	5.18	53	177244	245.511	ug/l	100
16) Acetone	3.96	43	169523	289.454	ug/l	97
17) Carbon Disulfide	4.20	76	313843	42.441	ug/l	99
18) Methyl Acetate	4.49	43	71832	48.857	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	326070	48.266	ug/l	99
20) Methylene Chloride	4.72	84	132158	46.175	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	127360	46.279	ug/l	99
22) Diisopropyl ether	6.12	45	352544	48.337	ug/l	93
23) Vinyl Acetate	6.07	43	1188330	246.783	ug/l	100
24) 1,1-Dichloroethane	6.02	63	206032	48.291	ug/l	99
25) 2-Butanone	6.99	43	229271	251.265	ug/l	98
26) 2,2-Dichloropropane	6.99	77	196290	47.971	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	146362	47.508	ug/l	99
28) Bromochloromethane	7.34	49	81211	46.368	ug/l	100
29) Tetrahydrofuran	7.35	42	142110	239.434	ug/l	99
30) Chloroform	7.51	83	220477	48.699	ug/l	100
31) Cyclohexane	7.78	56	182224	43.018	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	203802	48.308	ug/l	99
36) 1,1-Dichloropropene	7.93	75	167507	47.749	ug/l	99
37) Ethyl Acetate	7.08	43	96262	50.434	ug/l	100
38) Carbon Tetrachloride	7.91	117	192239	49.328	ug/l	99

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39) Methylcyclohexane	9.19	83	212636	45.985	ug/l	99
40) Benzene	8.16	78	506388	48.852	ug/l	99
41) Methacrylonitrile	7.33	41	50858m	49.599	ug/l	
42) 1,2-Dichloroethane	8.24	62	143518	49.403	ug/l	98
43) Isopropyl Acetate	8.28	43	178828	49.442	ug/l	99
44) Trichloroethene	8.94	130	156002	47.646	ug/l	99
45) 1,2-Dichloropropane	9.22	63	121506	48.880	ug/l	99
46) Dibromomethane	9.31	93	72337	48.999	ug/l	99
47) Bromodichloromethane	9.50	83	176053	50.586	ug/l	99
48) Methyl methacrylate	9.29	41	81090	49.663	ug/l	98
49) 1,4-Dioxane	9.30	88	21096	930.656	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	489930	255.804	ug/l	99
52) Toluene	10.24	92	330922	48.801	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	191209	50.300	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	214126	49.712	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	112041	49.573	ug/l	96
56) Ethyl methacrylate	10.51	69	151547	50.061	ug/l	99
57) 1,3-Dichloropropane	10.79	76	182848	49.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	365894	247.359	ug/l	100
59) 2-Hexanone	10.83	43	351143	258.398	ug/l	99
60) Dibromochloromethane	10.99	129	144325	50.367	ug/l	100
61) 1,2-Dibromoethane	11.09	107	109971	49.325	ug/l	99
64) Tetrachloroethene	10.72	164	163356	46.504	ug/l	100
65) Chlorobenzene	11.52	112	371737	48.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	145548	50.589	ug/l	100
67) Ethyl Benzene	11.60	91	653820	49.369	ug/l	99
68) m/p-Xylenes	11.70	106	508686	99.068	ug/l	99
69) o-Xylene	12.03	106	240437	49.602	ug/l	99
70) Styrene	12.05	104	418639	49.820	ug/l	99
71) Bromoform	12.21	173	98941	51.395	ug/l #	100
73) Isopropylbenzene	12.33	105	660435	49.123	ug/l	100
74) N-amyl acetate	12.14	43	171011	49.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	122954	52.123	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	98912m	52.324	ug/l	
77) Bromobenzene	12.61	156	167823	47.940	ug/l	99
78) n-propylbenzene	12.67	91	767924	49.448	ug/l	100
79) 2-Chlorotoluene	12.76	91	425427	48.835	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	556417	49.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50468	50.298	ug/l	98
82) 4-Chlorotoluene	12.85	91	451861	49.508	ug/l	100
83) tert-Butylbenzene	13.08	119	493147	49.250	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	556161	49.273	ug/l	99
85) sec-Butylbenzene	13.25	105	680165	49.679	ug/l	99
86) p-Isopropyltoluene	13.37	119	635272	49.866	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	324323	48.909	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	321693	48.496	ug/l	100
89) n-Butylbenzene	13.70	91	572449	49.493	ug/l	100
90) Hexachloroethane	13.96	117	119630	50.160	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	294490	48.969	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23048	50.785	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.01	180	219039	48.322	ug/l	99
94) Hexachlorobutadiene	15.11	225	128150	49.846	ug/l	99
95) Naphthalene	15.24	128	439194	48.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	194066	47.944	ug/l	99

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

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