

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002483.D
 Acq On : 24 Apr 2020 16:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 06:24:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	336046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	488113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	392962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	206715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	131999	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
35) Dibromofluoromethane	7.74	113	131615	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.19	98	502301	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.49	95	153472	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	125715	51.082	ug/l	97
3) Chloromethane	2.13	50	146984	46.941	ug/l	98
4) Vinyl Chloride	2.26	62	108846	48.387	ug/l	94
5) Bromomethane	2.66	94	85911	68.048	ug/l	92
6) Chloroethane	2.81	64	68072	57.150	ug/l	98
7) Trichlorofluoromethane	3.15	101	206470	50.619	ug/l	100
8) Diethyl Ether	3.55	74	91570	54.464	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	156266	55.655	ug/l	100
10) Methyl Iodide	4.11	142	235781	54.435	ug/l	99
11) Tert butyl alcohol	4.99	59	69737	252.266	ug/l	99
12) 1,1-Dichloroethene	3.90	96	157975	54.915	ug/l	98
13) Acrolein	3.76	56	57879	261.548	ug/l	99
14) Allyl chloride	4.50	41	221100	52.300	ug/l	98
15) Acrylonitrile	5.19	53	208387	259.045	ug/l	99
16) Acetone	3.97	43	184154	300.015	ug/l	97
17) Carbon Disulfide	4.22	76	463881	51.714	ug/l	100
18) Methyl Acetate	4.50	43	97243	49.233	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	406272	52.337	ug/l	98
20) Methylene Chloride	4.74	84	163992	46.795	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	167326	51.664	ug/l	98
22) Diisopropyl ether	6.14	45	423438	50.658	ug/l	100
23) Vinyl Acetate	6.09	43	1376936	259.239	ug/l	100
24) 1,1-Dichloroethane	6.05	63	259336	51.245	ug/l	98
25) 2-Butanone	7.01	43	244745	260.264	ug/l	99
26) 2,2-Dichloropropane	7.01	77	253393	52.356	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	181505	51.525	ug/l	99
28) Bromochloromethane	7.36	49	87935	44.539	ug/l	98
29) Tetrahydrofuran	7.37	42	157748	253.017	ug/l	100
30) Chloroform	7.53	83	267395	49.624	ug/l	98
31) Cyclohexane	7.81	56	243625	48.142	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	264808	52.010	ug/l	100
36) 1,1-Dichloropropene	7.94	75	213033	50.900	ug/l	99
37) Ethyl Acetate	7.10	43	108307	51.510	ug/l	100
38) Carbon Tetrachloride	7.93	117	251647	52.285	ug/l	99

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39) Methylcyclohexane	9.20	83	283788	51.978	ug/l	98
40) Benzene	8.18	78	627456	51.869	ug/l	100
41) Methacrylonitrile	7.35	41	70004m	54.039	ug/l	
42) 1,2-Dichloroethane	8.26	62	180560	51.382	ug/l	100
43) Isopropyl Acetate	8.29	43	202570	51.510	ug/l	100
44) Trichloroethene	8.96	130	195855	51.778	ug/l	95
45) 1,2-Dichloropropane	9.23	63	145628	52.233	ug/l	98
46) Dibromomethane	9.32	93	85080	52.159	ug/l	97
47) Bromodichloromethane	9.51	83	213831	52.420	ug/l	97
48) Methyl methacrylate	9.31	41	92374	51.453	ug/l	97
49) 1,4-Dioxane	9.31	88	22280	1071.776	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	518953	254.055	ug/l	99
52) Toluene	10.25	92	380111	48.814	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	177032	41.325	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	258200	52.659	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	74519	30.898	ug/l	96
56) Ethyl methacrylate	10.52	69	126171	38.286	ug/l	98
57) 1,3-Dichloropropane	10.80	76	151157	37.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	360295	226.088	ug/l	100
59) 2-Hexanone	10.84	43	265328	186.349	ug/l	98
60) Dibromochloromethane	10.99	129	137648	43.556	ug/l	99
61) 1,2-Dibromoethane	11.10	107	108522	45.377	ug/l	99
64) Tetrachloroethene	10.73	164	159966	44.417	ug/l	98
65) Chlorobenzene	11.52	112	406147	53.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	154019	54.184	ug/l	99
67) Ethyl Benzene	11.60	91	714695	52.934	ug/l	100
68) m/p-Xylenes	11.71	106	552219	106.245	ug/l	98
69) o-Xylene	12.03	106	259639	53.943	ug/l	99
70) Styrene	12.05	104	451387	53.859	ug/l	99
71) Bromoform	12.21	173	93930	52.455	ug/l #	98
73) Isopropylbenzene	12.33	105	714906	51.730	ug/l	100
74) N-amyl acetate	12.15	43	162772	49.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	107268	50.538	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	89804m	51.257	ug/l	
77) Bromobenzene	12.61	156	178164	51.403	ug/l	99
78) n-propylbenzene	12.67	91	823036	51.293	ug/l	100
79) 2-Chlorotoluene	12.76	91	450826	51.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	603464	51.449	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	47975	50.671	ug/l #	76
82) 4-Chlorotoluene	12.86	91	474642	52.304	ug/l	99
83) tert-Butylbenzene	13.08	119	525678	51.610	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	608400	54.064	ug/l	100
85) sec-Butylbenzene	13.26	105	728865	53.441	ug/l	99
86) p-Isopropyltoluene	13.38	119	698343	53.692	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	343314	53.554	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	338814	53.152	ug/l	100
89) n-Butylbenzene	13.70	91	621603	51.806	ug/l	99
90) Hexachloroethane	13.97	117	121422	51.649	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	305442	55.327	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21093	50.057	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	224358	51.492	ug/l	99
94) Hexachlorobutadiene	15.12	225	135545	51.546	ug/l	99
95) Naphthalene	15.25	128	414142	51.249	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	191252	51.748	ug/l	99

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

