

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002732.D
 Acq On : 21 May 2020 10:39
 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: May 21 13:35:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	410995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	597783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	549913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	278494	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	157717	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	7.72	113	168245	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	10.18	98	661601	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.48	95	225126	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	138806	47.132	ug/l	97
3) Chloromethane	2.12	50	159170	47.191	ug/l	99
4) Vinyl Chloride	2.26	62	174638	49.690	ug/l	100
5) Bromomethane	2.65	94	121029	46.462	ug/l	94
6) Chloroethane	2.80	64	108205	48.145	ug/l	97
7) Trichlorofluoromethane	3.13	101	283603	47.882	ug/l	99
8) Diethyl Ether	3.54	74	101460	50.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	176307	49.105	ug/l	99
10) Methyl Iodide	4.10	142	242675	49.105	ug/l	99
11) Tert butyl alcohol	4.97	59	87545	268.142	ug/l	100
12) 1,1-Dichloroethene	3.88	96	177193	49.152	ug/l	99
13) Acrolein	3.74	56	106701	278.640	ug/l	99
14) Allyl chloride	4.49	41	261928	50.609	ug/l	98
15) Acrylonitrile	5.18	53	244625	268.132	ug/l	100
16) Acetone	3.96	43	186171	280.917	ug/l	97
17) Carbon Disulfide	4.20	76	546534	48.332	ug/l	100
18) Methyl Acetate	4.49	43	100318	53.090	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	458992	51.330	ug/l	99
20) Methylene Chloride	4.72	84	189847	47.390	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	196581	49.039	ug/l	98
22) Diisopropyl ether	6.13	45	520598	50.700	ug/l	97
23) Vinyl Acetate	6.07	43	1735599	263.972	ug/l	99
24) 1,1-Dichloroethane	6.03	63	306600	49.970	ug/l	100
25) 2-Butanone	6.99	43	301025	274.530	ug/l	97
26) 2,2-Dichloropropane	6.99	77	275754	48.302	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	216754	50.042	ug/l	100
28) Bromochloromethane	7.34	49	125736	51.802	ug/l	99
29) Tetrahydrofuran	7.35	42	204799	274.509	ug/l	99
30) Chloroform	7.52	83	312120	49.013	ug/l	98
31) Cyclohexane	7.79	56	295996	47.564	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	289100	49.132	ug/l	100
36) 1,1-Dichloropropene	7.93	75	254341	50.260	ug/l	100
37) Ethyl Acetate	7.08	43	136432	54.814	ug/l	100
38) Carbon Tetrachloride	7.91	117	267319	49.150	ug/l	98

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39) Methylcyclohexane	9.19	83	338751	49.784	ug/l	99
40) Benzene	8.16	78	736352	49.870	ug/l	99
41) Methacrylonitrile	7.33	41	85585m	57.233	ug/l	
42) 1,2-Dichloroethane	8.24	62	195131	50.106	ug/l	98
43) Isopropyl Acetate	8.28	43	253892	54.888	ug/l	99
44) Trichloroethene	8.94	130	236066	50.156	ug/l	100
45) 1,2-Dichloropropane	9.22	63	178691	50.990	ug/l	100
46) Dibromomethane	9.31	93	100659	51.125	ug/l	99
47) Bromodichloromethane	9.50	83	245733	51.140	ug/l	99
48) Methyl methacrylate	9.30	41	114521	53.771	ug/l	99
49) 1,4-Dioxane	9.30	88	29496	1099.972	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	666352	279.016	ug/l	99
52) Toluene	10.24	92	478056	50.030	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	264505	51.573	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	304977	51.294	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	150972	51.505	ug/l	98
56) Ethyl methacrylate	10.51	69	213513	54.715	ug/l	99
57) 1,3-Dichloropropane	10.79	76	254532	51.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	520393	270.132	ug/l	99
59) 2-Hexanone	10.83	43	471560	283.412	ug/l	99
60) Dibromochloromethane	10.99	129	194118	51.838	ug/l	100
61) 1,2-Dibromoethane	11.09	107	151285	52.385	ug/l	99
64) Tetrachloroethene	10.72	164	254030	48.658	ug/l	99
65) Chlorobenzene	11.52	112	526618	49.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	195864	49.663	ug/l	99
67) Ethyl Benzene	11.59	91	918975	49.254	ug/l	99
68) m/p-Xylenes	11.70	106	713910	98.350	ug/l	99
69) o-Xylene	12.03	106	334434	49.088	ug/l	99
70) Styrene	12.05	104	583844	49.912	ug/l	99
71) Bromoform	12.21	173	126595	51.929	ug/l	99
73) Isopropylbenzene	12.33	105	919970	50.555	ug/l	100
74) N-amyl acetate	12.14	43	234454	54.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	147199	54.931	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	125466m	54.843	ug/l	
77) Bromobenzene	12.61	156	230508	50.667	ug/l	98
78) n-propylbenzene	12.67	91	1062817	50.206	ug/l	100
79) 2-Chlorotoluene	12.75	91	585232	49.844	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	764189	49.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66536	55.004	ug/l #	77
82) 4-Chlorotoluene	12.85	91	612281	49.784	ug/l	100
83) tert-Butylbenzene	13.08	119	673288	49.755	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	758538	49.639	ug/l	99
85) sec-Butylbenzene	13.25	105	925230	49.548	ug/l	100
86) p-Isopropyltoluene	13.37	119	866414	49.570	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	433239	49.390	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	428780	49.099	ug/l	99
89) n-Butylbenzene	13.70	91	788938	49.151	ug/l	99
90) Hexachloroethane	13.96	117	159772	49.352	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	388190	49.345	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27199	52.929	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.01	180	287561	50.780	ug/l	100
94) Hexachlorobutadiene	15.11	225	167651	49.506	ug/l	99
95) Naphthalene	15.23	128	533849	49.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	240115	49.735	ug/l	99

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

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