

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003370.D
 Acq On : 28 Jul 2020 12:42
 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

MMDadoda
 7/29/2020 7:07:22 PM

Quant Time: Jul 29 02:55:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	480187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	701077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	635164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	337089	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	190559	47.02	ug/l	0.00
Spiked Amount						
			Recovery	=	94.04%	
35) Dibromofluoromethane	7.72	113	187781	46.54	ug/l	0.00
Spiked Amount						
			Recovery	=	93.08%	
50) Toluene-d8	10.18	98	689869	45.99	ug/l	0.00
Spiked Amount						
			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.48	95	248460	45.85	ug/l	0.00
Spiked Amount						
			Recovery	=	91.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	137713	40.014	ug/l	98
3) Chloromethane	2.12	50	211957	44.400	ug/l	97
4) Vinyl Chloride	2.26	62	227340	46.414	ug/l	98
5) Bromomethane	2.65	94	168186	46.229	ug/l	94
6) Chloroethane	2.80	64	149236	46.389	ug/l	100
7) Trichlorofluoromethane	3.13	101	337622	48.267	ug/l	98
8) Diethyl Ether	3.53	74	112321	47.920	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	208086	49.256	ug/l	99
10) Methyl Iodide	4.10	142	226770	49.408	ug/l	99
11) Tert butyl alcohol	4.96	59	99830	227.791	ug/l	98
12) 1,1-Dichloroethene	3.88	96	193162	48.341	ug/l	96
13) Acrolein	3.74	56	69750	183.364	ug/l	100
14) Allyl chloride	4.49	41	325885	54.964	ug/l	96
15) Acrylonitrile	5.17	53	287387	255.241	ug/l	99
16) Acetone	3.95	43	244910	270.527	ug/l	100
17) Carbon Disulfide	4.20	76	551832	45.006	ug/l	98
18) Methyl Acetate	4.48	43	131727	52.394	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	547314	48.877	ug/l	99
20) Methylene Chloride	4.72	84	235172	51.831	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	221090	48.919	ug/l	99
22) Diisopropyl ether	6.13	45	714721	54.315	ug/l	94
23) Vinyl Acetate	6.07	43	2262697	257.984	ug/l	98
24) 1,1-Dichloroethane	6.02	63	402309	52.772	ug/l	98
25) 2-Butanone	6.99	43	375171	252.397	ug/l	99
26) 2,2-Dichloropropane	6.99	77	372494	54.255	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	256558	51.559	ug/l	98
28) Bromochloromethane	7.34	49	174759	52.947	ug/l	97
29) Tetrahydrofuran	7.35	42	240379	240.726	ug/l	95
30) Chloroform	7.51	83	409427	52.144	ug/l	98
31) Cyclohexane	7.78	56	360717	48.932	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	371907	52.614	ug/l	99
36) 1,1-Dichloropropene	7.92	75	321371	50.577	ug/l	99
37) Ethyl Acetate	7.08	43	165890	48.479	ug/l	98
38) Carbon Tetrachloride	7.90	117	337944	51.519	ug/l	99

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39) Methylcyclohexane	9.18	83	387882	48.594	ug/l	94
40) Benzene	8.16	78	897621	51.305	ug/l	98
41) Methacrylonitrile	7.33	41	116899m	56.723	ug/l	
42) 1,2-Dichloroethane	8.24	62	266724	49.519	ug/l	100
43) Isopropyl Acetate	8.27	43	318140	48.032	ug/l	99
44) Trichloroethene	8.94	130	257379	47.988	ug/l	97
45) 1,2-Dichloropropane	9.22	63	235393	51.996	ug/l	99
46) Dibromomethane	9.30	93	127940	48.386	ug/l	99
47) Bromodichloromethane	9.50	83	326524	51.923	ug/l	99
48) Methyl methacrylate	9.29	41	145317	49.076	ug/l	94
49) 1,4-Dioxane	9.30	88	32719	974.988	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	825338	239.737	ug/l	99
52) Toluene	10.24	92	567538	50.751	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	334897	51.399	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	381530	50.822	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	180823	48.260	ug/l	98
56) Ethyl methacrylate	10.51	69	246046	48.301	ug/l	96
57) 1,3-Dichloropropane	10.79	76	313616	49.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	651797	250.892	ug/l	98
59) 2-Hexanone	10.83	43	580246	241.443	ug/l	98
60) Dibromochloromethane	10.99	129	233998	49.654	ug/l	99
61) 1,2-Dibromoethane	11.09	107	174992	47.321	ug/l	99
64) Tetrachloroethene	10.72	164	253702	44.797	ug/l	98
65) Chlorobenzene	11.52	112	623238	50.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	241689	50.856	ug/l	99
67) Ethyl Benzene	11.59	91	1143300	52.331	ug/l	98
68) m/p-Xylenes	11.70	106	857275	103.416	ug/l	100
69) o-Xylene	12.03	106	405624	52.377	ug/l	100
70) Styrene	12.04	104	695199	52.477	ug/l	100
71) Bromoform	12.20	173	151645	48.617	ug/l	99
73) Isopropylbenzene	12.33	105	1121329	52.199	ug/l	99
74) N-amyl acetate	12.14	43	297874	49.420	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	208168	50.175	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	148029m	49.611	ug/l	
77) Bromobenzene	12.61	156	277751	50.724	ug/l	99
78) n-propylbenzene	12.67	91	1334017	52.683	ug/l	100
79) 2-Chlorotoluene	12.75	91	731768	51.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	942818	52.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	77433	50.506	ug/l	93
82) 4-Chlorotoluene	12.85	91	767676	52.060	ug/l	100
83) tert-Butylbenzene	13.08	119	846373	53.575	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	941211	52.248	ug/l	99
85) sec-Butylbenzene	13.25	105	1173737	54.057	ug/l	100
86) p-Isopropyltoluene	13.37	119	1076500	53.098	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	535656	51.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	524899	51.200	ug/l	100
89) n-Butylbenzene	13.70	91	1035876	54.320	ug/l	99
90) Hexachloroethane	13.96	117	209825	56.832	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	471022	51.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32156	47.807	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.01	180	337363	52.186	ug/l	99
94) Hexachlorobutadiene	15.11	225	227836	51.434	ug/l	100
95) Naphthalene	15.23	128	545614	51.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	269866	52.809	ug/l	98

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

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