

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000332.D
 Acq On : 16 Oct 2019 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:50:42 AM

Quant Time: Oct 17 01:56:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	519726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235643	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	178107	55.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.38%	
35) Dibromofluoromethane	7.73	113	161089	51.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.76%	
50) Toluene-d8	10.19	98	651122	53.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.48	95	239323	52.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	107848	44.119	ug/l	96
3) Chloromethane	2.12	50	153644	41.100	ug/l	98
4) Vinyl Chloride	2.25	62	170573	45.212	ug/l	100
5) Bromomethane	2.64	94	114966	41.117	ug/l	98
6) Chloroethane	2.79	64	115129	47.295	ug/l	99
7) Trichlorofluoromethane	3.13	101	240004	46.506	ug/l	98
8) Diethyl Ether	3.54	74	93208	51.125	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	149472	47.759	ug/l	98
10) Methyl Iodide	4.10	142	209508	47.068	ug/l	99
11) Tert butyl alcohol	4.97	59	86179	255.187	ug/l	100
12) 1,1-Dichloroethene	3.88	96	147050	47.593	ug/l	95
13) Acrolein	3.74	56	105994	267.710	ug/l	99
14) Allyl chloride	4.49	41	255834	49.965	ug/l	98
15) Acrylonitrile	5.18	53	254617	249.518	ug/l	97
16) Acetone	3.96	43	230548	220.611	ug/l	100
17) Carbon Disulfide	4.19	76	429391	44.139	ug/l	100
18) Methyl Acetate	4.49	43	123710	47.644	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	442172	51.408	ug/l	99
20) Methylene Chloride	4.72	84	173708	49.252	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	167475	47.244	ug/l	92
22) Diisopropyl ether	6.13	45	569898	52.625	ug/l	100
23) Vinyl Acetate	6.07	43	1849143	261.733	ug/l	98
24) 1,1-Dichloroethane	6.02	63	297076	50.257	ug/l	99
25) 2-Butanone	7.00	43	371001	252.016	ug/l	100
26) 2,2-Dichloropropane	6.99	77	269302	49.441	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	193551	50.459	ug/l	98
28) Bromochloromethane	7.35	49	130833	51.558	ug/l	100
29) Tetrahydrofuran	7.36	42	226507	253.883	ug/l	100
30) Chloroform	7.52	83	298419	50.130	ug/l	96
31) Cyclohexane	7.79	56	286348	46.381	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	267640	50.571	ug/l	99
36) 1,1-Dichloropropene	7.93	75	235574	46.296	ug/l	99
37) Ethyl Acetate	7.09	43	148809	49.390	ug/l	98
38) Carbon Tetrachloride	7.91	117	229644	46.611	ug/l	99

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39) Methylcyclohexane	9.19	83	307306	46.143	ug/l	97
40) Benzene	8.17	78	691956	47.056	ug/l	99
41) Methacrylonitrile	7.33	41	61656m	42.990	ug/l	
42) 1,2-Dichloroethane	8.25	62	203485	48.443	ug/l	100
43) Isopropyl Acetate	8.28	43	281106	49.068	ug/l	99
44) Trichloroethene	8.95	130	188285	45.634	ug/l	95
45) 1,2-Dichloropropane	9.22	63	178678	49.513	ug/l	98
46) Dibromomethane	9.31	93	97631	48.397	ug/l	96
47) Bromodichloromethane	9.50	83	237862	50.032	ug/l	96
48) Methyl methacrylate	9.30	41	126246	50.283	ug/l	98
49) 1,4-Dioxane	9.30	88	30995	1024.727	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	760424	257.350	ug/l	99
52) Toluene	10.25	92	445414	47.709	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	258832	50.800	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	290712	50.242	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	143764	49.014	ug/l	97
56) Ethyl methacrylate	10.51	69	220781	52.809	ug/l	99
57) 1,3-Dichloropropane	10.79	76	255694	50.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	558783	335.090	ug/l	99
59) 2-Hexanone	10.83	43	566447	273.114	ug/l	100
60) Dibromochloromethane	10.99	129	165002	50.754	ug/l	97
61) 1,2-Dibromoethane	11.09	107	138734	49.262	ug/l	99
64) Tetrachloroethene	10.72	164	199334	43.757	ug/l	96
65) Chlorobenzene	11.52	112	474073	46.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	167670	47.265	ug/l	99
67) Ethyl Benzene	11.60	91	874327	46.704	ug/l	99
68) m/p-Xylenes	11.70	106	671261	93.797	ug/l	97
69) o-Xylene	12.03	106	315410	46.199	ug/l	96
70) Styrene	12.05	104	552925	48.022	ug/l	99
71) Bromoform	12.21	173	100545	49.304	ug/l	# 98
73) Isopropylbenzene	12.33	105	869558	47.326	ug/l	99
74) N-amyl acetate	12.14	43	268699	59.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	173704	50.352	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	137415m	47.424	ug/l	
77) Bromobenzene	12.61	156	191792	46.909	ug/l	98
78) n-propylbenzene	12.67	91	1059095	48.008	ug/l	99
79) 2-Chlorotoluene	12.75	91	590797	48.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	730796	47.433	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	64982	49.067	ug/l	97
82) 4-Chlorotoluene	12.85	91	616283	47.854	ug/l	100
83) tert-Butylbenzene	13.08	119	625400	47.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	741709	48.777	ug/l	100
85) sec-Butylbenzene	13.25	105	909108	48.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	806071	48.986	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	381096	47.308	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	382776	47.539	ug/l	98
89) n-Butylbenzene	13.70	91	792773	48.753	ug/l	99
90) Hexachloroethane	13.96	117	147822	48.514	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	354489	48.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31873	48.714	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.00	180	240924	47.466	ug/l	99
94) Hexachlorobutadiene	15.11	225	124638	45.375	ug/l	98
95) Naphthalene	15.23	128	555527	49.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	221321	48.381	ug/l	98

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

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