

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001902.D
 Acq On : 06 Mar 2020 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:06 AM

Quant Time: Mar 06 23:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	300630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	124546	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	90150	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.75	113	84442	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.19	98	360549	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.49	95	122850	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	73283	48.735	ug/l	99
3) Chloromethane	2.13	50	103778	51.190	ug/l	98
4) Vinyl Chloride	2.27	62	105333	51.080	ug/l	98
5) Bromomethane	2.68	94	69183	58.427	ug/l	97
6) Chloroethane	2.82	64	68006	52.499	ug/l	100
7) Trichlorofluoromethane	3.16	101	140959	50.403	ug/l	96
8) Diethyl Ether	3.56	74	57813	52.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	93532	51.998	ug/l	100
10) Methyl Iodide	4.13	142	112673	54.165	ug/l	99
11) Tert butyl alcohol	5.00	59	47805	265.555	ug/l	98
12) 1,1-Dichloroethene	3.91	96	94931	52.414	ug/l	96
13) Acrolein	3.76	56	55466	226.965	ug/l	98
14) Allyl chloride	4.52	41	169937	52.926	ug/l	99
15) Acrylonitrile	5.21	53	149744	254.234	ug/l	99
16) Acetone	3.98	43	136505	269.494	ug/l	97
17) Carbon Disulfide	4.23	76	312328	51.298	ug/l	99
18) Methyl Acetate	4.52	43	63569	48.844	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	255342	52.024	ug/l	98
20) Methylene Chloride	4.76	84	113834	52.437	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	107729	52.404	ug/l	99
22) Diisopropyl ether	6.16	45	348840	53.002	ug/l	98
23) Vinyl Acetate	6.10	43	1140463	264.318	ug/l	98
24) 1,1-Dichloroethane	6.06	63	188280	52.826	ug/l	98
25) 2-Butanone	7.02	43	200611	260.438	ug/l	100
26) 2,2-Dichloropropane	7.02	77	155134	53.031	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	119484	53.433	ug/l	100
28) Bromochloromethane	7.36	49	83944	52.252	ug/l	99
29) Tetrahydrofuran	7.38	42	126291	246.895	ug/l	99
30) Chloroform	7.54	83	177321	52.953	ug/l	97
31) Cyclohexane	7.82	56	194043	50.776	ug/l	94
32) 1,1,1-Trichloroethane	7.73	97	149286	52.894	ug/l	100
36) 1,1-Dichloropropene	7.94	75	149938	51.828	ug/l	99
37) Ethyl Acetate	7.11	43	85093	50.608	ug/l	99
38) Carbon Tetrachloride	7.93	117	128340	51.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	197480	51.467	ug/l	99
40) Benzene	8.19	78	449156	52.381	ug/l	98
41) Methacrylonitrile	7.35	41	42468m	56.123	ug/l	
42) 1,2-Dichloroethane	8.26	62	113726	51.470	ug/l	99
43) Isopropyl Acetate	8.30	43	160023	50.268	ug/l	99
44) Trichloroethene	8.96	130	108433	51.923	ug/l	99
45) 1,2-Dichloropropane	9.24	63	113817	52.802	ug/l	99
46) Dibromomethane	9.32	93	57272	51.559	ug/l	98
47) Bromodichloromethane	9.51	83	136442	52.803	ug/l	99
48) Methyl methacrylate	9.31	41	75796	53.659	ug/l	98
49) 1,4-Dioxane	9.32	88	14451	949.425	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	422402	257.616	ug/l	100
52) Toluene	10.25	92	272110	52.238	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	148886	52.887	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	176246	52.590	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	83393	51.298	ug/l	98
56) Ethyl methacrylate	10.52	69	125227	52.554	ug/l	97
57) 1,3-Dichloropropane	10.80	76	148794	51.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	200258	238.997	ug/l	99
59) 2-Hexanone	10.84	43	293043	250.397	ug/l	99
60) Dibromochloromethane	10.99	129	89854	52.454	ug/l	100
61) 1,2-Dibromoethane	11.10	107	78785	51.163	ug/l	99
64) Tetrachloroethene	10.73	164	87098	50.994	ug/l	92
65) Chlorobenzene	11.53	112	274600	50.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	92270	51.848	ug/l	99
67) Ethyl Benzene	11.60	91	523309	51.705	ug/l	98
68) m/p-Xylenes	11.71	106	385546	103.036	ug/l	100
69) o-Xylene	12.03	106	182179	51.656	ug/l	99
70) Styrene	12.05	104	318317	52.698	ug/l	100
71) Bromoform	12.22	173	50559	52.386	ug/l #	99
73) Isopropylbenzene	12.34	105	488362	51.366	ug/l	99
74) N-amyl acetate	12.15	43	148348	50.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	105170	51.296	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	63268m	42.812	ug/l	
77) Bromobenzene	12.62	156	103350	51.307	ug/l	99
78) n-propylbenzene	12.68	91	606384	51.697	ug/l	100
79) 2-Chlorotoluene	12.77	91	332915	51.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	404989	51.743	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	36039	49.260	ug/l	95
82) 4-Chlorotoluene	12.86	91	348526	51.654	ug/l	100
83) tert-Butylbenzene	13.08	119	337201	51.870	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	404027	52.014	ug/l	99
85) sec-Butylbenzene	13.26	105	496381	51.802	ug/l	99
86) p-Isopropyltoluene	13.38	119	429249	51.930	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	201829	51.131	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	202088	50.465	ug/l	99
89) n-Butylbenzene	13.70	91	444210	51.798	ug/l	99
90) Hexachloroethane	13.97	117	81037	51.967	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	182359	50.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15306	47.841	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112930	48.559	ug/l	98
94) Hexachlorobutadiene	15.12	225	56628	49.944	ug/l	99
95) Naphthalene	15.25	128	266661	48.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	101177	49.386	ug/l	98

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

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