

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000006.D
 Acq On : 11 Sep 2019 18:02
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:32 PM

Quant Time: Sep 12 09:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	159952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	296348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	251420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	111897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	158052	89.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.00%	
35) Dibromofluoromethane	7.72	113	155710	89.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.20%	
50) Toluene-d8	10.18	98	669948	96.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.18%	
62) 4-Bromofluorobenzene	12.48	95	223014	89.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	110546	122.736	ug/l	97
3) Chloromethane	2.11	50	148604	130.766	ug/l	99
4) Vinyl Chloride	2.25	62	176178	129.140	ug/l	100
5) Bromomethane	2.62	94	100274	134.273	ug/l	93
6) Chloroethane	2.78	64	118000	142.498	ug/l	98
7) Trichlorofluoromethane	3.12	101	220502	201.611	ug/l	97
8) Diethyl Ether	3.53	74	92102	120.395	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.89	101	154148	110.011	ug/l	99
10) Methyl Iodide	4.08	142	197187	112.554	ug/l	99
11) Tert butyl alcohol	4.98	59	96458	668.015	ug/l	98
12) 1,1-Dichloroethene	3.86	96	145871	109.677	ug/l	94
13) Acrolein	3.73	56	66407	463.309	ug/l	97
14) Allyl chloride	4.48	41	226013	86.160	ug/l	99
15) Acrylonitrile	5.17	53	297101	656.159	ug/l	99
16) Acetone	3.95	43	223953	475.541	ug/l	100
17) Carbon Disulfide	4.18	76	290803	104.138	ug/l	98
18) Methyl Acetate	4.48	43	127307	110.306	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	439652	155.589	ug/l	100
20) Methylene Chloride	4.71	84	170633	110.128	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	157605	115.622	ug/l	95
22) Diisopropyl ether	6.12	45	505579	96.670	ug/l	95
23) Vinyl Acetate	6.06	43	1727612	516.774	ug/l	99
24) 1,1-Dichloroethane	6.02	63	299651	104.785	ug/l	98
25) 2-Butanone	6.99	43	372508	578.449	ug/l	98
26) 2,2-Dichloropropane	6.98	77	248445	130.094	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	203537	126.493	ug/l	98
28) Bromochloromethane	7.33	49	134574	100.999	ug/l	98
29) Tetrahydrofuran	7.35	42	226734	573.064	ug/l	99
30) Chloroform	7.51	83	305847	106.604	ug/l	97
31) Cyclohexane	7.78	56	229403	89.285	ug/l	94
32) 1,1,1-Trichloroethane	7.70	97	254109	109.304	ug/l	99
36) 1,1-Dichloropropene	7.92	75	212306	84.597	ug/l	99
37) Ethyl Acetate	7.08	43	148011	91.610	ug/l	99
38) Carbon Tetrachloride	7.90	117	211926	85.981	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	265362	92.449	ug/l	97
40) Benzene	8.16	78	713240	99.848	ug/l	100
41) Methacrylonitrile	7.32	41	91022m	96.146	ug/l	
42) 1,2-Dichloroethane	8.24	62	184594	76.726	ug/l	98
43) Isopropyl Acetate	8.28	43	281587	92.165	ug/l	97
44) Trichloroethene	8.94	130	181729	98.506	ug/l	99
45) 1,2-Dichloropropane	9.21	63	181722	92.417	ug/l	98
46) Dibromomethane	9.31	93	97289	102.809	ug/l	98
47) Bromodichloromethane	9.49	83	239007	93.665	ug/l	95
48) Methyl methacrylate	9.29	41	123313	84.628	ug/l	98
49) 1,4-Dioxane	9.29	88	38941	2030.466	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	768518	474.856	ug/l	100
52) Toluene	10.24	92	443444	99.267	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	252916	95.837	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	292631	97.779	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	152541	106.807	ug/l	97
56) Ethyl methacrylate	10.51	69	223234	107.161	ug/l	99
57) 1,3-Dichloropropane	10.79	76	254717	97.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	483955	434.117	ug/l	100
59) 2-Hexanone	10.83	43	545411	461.341	ug/l	100
60) Dibromochloromethane	10.98	129	170977	103.470	ug/l	97
61) 1,2-Dibromoethane	11.09	107	141237	107.525	ug/l	97
64) Tetrachloroethene	10.71	164	154058	102.787	ug/l	93
65) Chlorobenzene	11.51	112	484871	103.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	169046	98.777	ug/l	98
67) Ethyl Benzene	11.59	91	878933	100.838	ug/l	100
68) m/p-Xylenes	11.70	106	672692	210.597	ug/l	99
69) o-Xylene	12.02	106	327282	108.753	ug/l	97
70) Styrene	12.04	104	579979	109.589	ug/l	99
71) Bromoform	12.21	173	104126	107.877	ug/l #	100
73) Isopropylbenzene	12.32	105	878918	110.285	ug/l	99
74) N-amyl acetate	12.14	43	254404	102.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	196820	119.023	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	134694m	113.988	ug/l	
77) Bromobenzene	12.60	156	186557	103.962	ug/l	99
78) n-propylbenzene	12.66	91	1063920	110.948	ug/l	99
79) 2-Chlorotoluene	12.75	91	587027	107.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	721749	107.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	77530	136.127	ug/l	99
82) 4-Chlorotoluene	12.85	91	623709	107.734	ug/l	100
83) tert-Butylbenzene	13.07	119	606243	102.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	715097	105.484	ug/l	98
85) sec-Butylbenzene	13.25	105	913444	110.419	ug/l	99
86) p-Isopropyltoluene	13.37	119	777910	104.320	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	362577	102.221	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	373294	105.977	ug/l	98
89) n-Butylbenzene	13.69	91	794814	108.760	ug/l	99
90) Hexachloroethane	13.95	117	153521	115.235	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	339533	106.036	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	35283	115.741	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	209228	96.834	ug/l	99
94) Hexachlorobutadiene	15.10	225	101687	70.926	ug/l	98
95) Naphthalene	15.23	128	571278	132.585	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	193499	100.657	ug/l	97

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

