

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : VY000055.D
 Acq On : 17 Sep 2019 12:31
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:29:36 AM

Quant Time: Sep 17 13:00:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	115417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	216665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	189695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	133317	94.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.56%	
35) Dibromofluoromethane	7.72	113	127609	91.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.88%	
50) Toluene-d8	10.18	98	535481	100.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.54%	
62) 4-Bromofluorobenzene	12.48	95	187231	92.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	74586	74.918	ug/l	97
3) Chloromethane	2.11	50	97172	62.954	ug/l	94
4) Vinyl Chloride	2.25	62	115235	85.980	ug/l	95
5) Bromomethane	2.62	94	69139	75.058	ug/l	96
6) Chloroethane	2.78	64	78584	85.304	ug/l	98
7) Trichlorofluoromethane	3.11	101	160765	83.357	ug/l	90
8) Diethyl Ether	3.53	74	71735	91.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	115380	89.961	ug/l	99
10) Methyl Iodide	4.08	142	136064	110.525	ug/l	99
11) Tert butyl alcohol	4.98	59	71639	403.305	ug/l	99
12) 1,1-Dichloroethene	3.87	96	105438	87.795	ug/l	91
13) Acrolein	3.72	56	33585	319.562	ug/l	97
14) Allyl chloride	4.47	41	162472	88.651	ug/l	100
15) Acrylonitrile	5.16	53	219192	463.380	ug/l	99
16) Acetone	3.95	43	152972	469.818	ug/l	97
17) Carbon Disulfide	4.19	76	193606	81.173	ug/l	98
18) Methyl Acetate	4.48	43	96426	88.756	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	339642	93.788	ug/l	96
20) Methylene Chloride	4.71	84	130504	83.966	ug/l	98
21) trans-1,2-Dichloroethene	5.21	96	114877	88.560	ug/l	94
22) Diisopropyl ether	6.11	45	383915	96.836	ug/l	97
23) Vinyl Acetate	6.06	43	1285753	489.900	ug/l	98
24) 1,1-Dichloroethane	6.02	63	219646	93.001	ug/l	97
25) 2-Butanone	6.99	43	268789	465.293	ug/l	100
26) 2,2-Dichloropropane	6.98	77	191033	81.777	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	151407	92.459	ug/l	98
28) Bromochloromethane	7.33	49	111365	101.099	ug/l	95
29) Tetrahydrofuran	7.34	42	162273	468.821	ug/l	99
30) Chloroform	7.50	83	226774	90.736	ug/l	95
31) Cyclohexane	7.78	56	157448	76.375	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	183640	92.357	ug/l	99
36) 1,1-Dichloropropene	7.92	75	152611	89.620	ug/l	98
37) Ethyl Acetate	7.08	43	106065	97.599	ug/l	99
38) Carbon Tetrachloride	7.89	117	152316	97.542	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	186518	90.174	ug/l	96
40) Benzene	8.16	78	524079	95.493	ug/l	94
41) Methacrylonitrile	7.33	41	77485m	129.873	ug/l	
42) 1,2-Dichloroethane	8.23	62	139211	98.476	ug/l	98
43) Isopropyl Acetate	8.28	43	210925	99.407	ug/l	99
44) Trichloroethene	8.94	130	131512	94.348	ug/l	98
45) 1,2-Dichloropropane	9.22	63	136287	95.905	ug/l	100
46) Dibromomethane	9.30	93	75033	97.408	ug/l	99
47) Bromodichloromethane	9.50	83	183107	95.862	ug/l	99
48) Methyl methacrylate	9.30	41	90491	95.668	ug/l	95
49) 1,4-Dioxane	9.30	88	29018	1977.373	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	581176	499.170	ug/l	99
52) Toluene	10.24	92	333640	96.845	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	195802	98.814	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	222801	98.066	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	121458	101.249	ug/l	98
56) Ethyl methacrylate	10.51	69	169675	101.238	ug/l	99
57) 1,3-Dichloropropane	10.79	76	195268	95.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	466989	507.821	ug/l	99
59) 2-Hexanone	10.83	43	421524	501.470	ug/l	99
60) Dibromochloromethane	10.98	129	126593	100.365	ug/l	99
61) 1,2-Dibromoethane	11.09	107	107856	96.284	ug/l	99
64) Tetrachloroethene	10.72	164	112424	91.374	ug/l	97
65) Chlorobenzene	11.51	112	361718	94.889	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	126104	98.427	ug/l	98
67) Ethyl Benzene	11.59	91	649755	94.164	ug/l	97
68) m/p-Xylenes	11.70	106	496500	187.799	ug/l	98
69) o-Xylene	12.03	106	242088	96.433	ug/l	98
70) Styrene	12.04	104	430438	97.494	ug/l	99
71) Bromoform	12.20	173	74343	103.295	ug/l #	96
73) Isopropylbenzene	12.33	105	634277	95.243	ug/l	99
74) N-amyl acetate	12.14	43	194538	104.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	149435	92.555	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	105825m	87.747	ug/l	
77) Bromobenzene	12.61	156	136651	97.956	ug/l	99
78) n-propylbenzene	12.67	91	777847	94.437	ug/l	100
79) 2-Chlorotoluene	12.75	91	434881	95.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	528282	95.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58631	100.205	ug/l	95
82) 4-Chlorotoluene	12.85	91	454606	97.349	ug/l	98
83) tert-Butylbenzene	13.07	119	458362	96.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	529374	96.508	ug/l	100
85) sec-Butylbenzene	13.25	105	667648	94.962	ug/l	100
86) p-Isopropyltoluene	13.37	119	559020	93.887	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	269069	98.076	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	269952	95.795	ug/l	99
89) n-Butylbenzene	13.69	91	589713	96.705	ug/l	100
90) Hexachloroethane	13.96	117	112901	96.572	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	252651	95.854	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27177	88.657	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.00	180	156942	101.433	ug/l	98
94) Hexachlorobutadiene	15.11	225	68907	91.554	ug/l	95
95) Naphthalene	15.23	128	441043	98.967	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	144615	98.423	ug/l	99

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

