

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091318\
 Data File : VD059994.D
 Acq On : 13 Sep 2018 12:45
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/14/2018 10:56:52 AM

Quant Time: Sep 13 15:44:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 15:36:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1538798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.41	114	2099034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1740821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	927368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.75	65	128337	10.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.16%	
35) Dibromofluoromethane	6.29	113	165899	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	
50) Toluene-d8	9.43	98	473624	10.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.96%	
62) 4-Bromofluorobenzene	12.41	95	187024	10.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	162501m	11.28	ug/l	
3) Chloromethane	1.74	50	141186	11.07	ug/l	96
4) Vinyl Chloride	1.83	62	112438	11.18	ug/l	96
5) Bromomethane	2.12	94	16441	9.35	ug/l	96
6) Chloroethane	2.23	64	33783	10.93	ug/l	94
7) Trichlorofluoromethane	2.48	101	133221	11.35	ug/l	98
8) Diethyl Ether	2.80	74	28619	11.07	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.05	101	84294	11.68	ug/l	97
10) Methyl Iodide	3.21	142	68381	10.25	ug/l	96
11) Tert butyl alcohol	3.94	59	52963	54.27	ug/l	96
12) 1,1-Dichloroethene	3.04	96	66781	11.90	ug/l	95
13) Acrolein	2.95	56	32934	74.45	ug/l	98
14) Allyl chloride	3.51	41	139637	11.18	ug/l	97
15) Acrylonitrile	4.06	53	198621	53.83	ug/l	97
16) Acetone	3.13	43	131051	56.22	ug/l	98
17) Carbon Disulfide	3.28	76	215875	12.16	ug/l	99
18) Methyl Acetate	3.53	43	50381	10.30	ug/l	93
19) Methyl tert-butyl Ether	4.09	73	315306	10.42	ug/l	99
20) Methylene Chloride	3.68	84	231420	12.17	ug/l	96
21) trans-1,2-Dichloroethene	4.06	96	173353	11.31	ug/l	93
22) Diisopropyl ether	4.82	45	644597	10.33	ug/l	99
23) Vinyl Acetate	4.78	43	1933684	55.47	ug/l	99
24) 1,1-Dichloroethane	4.72	63	286356	10.53	ug/l	99
25) 2-Butanone	5.59	43	392735	58.34	ug/l	98
26) 2,2-Dichloropropane	5.55	77	231257	10.24	ug/l	96
27) cis-1,2-Dichloroethene	5.56	96	181667	10.95	ug/l	99
28) Bromochloromethane	5.90	49	142167	11.12	ug/l	98
29) Tetrahydrofuran	5.93	42	185084	55.63	ug/l	98
30) Chloroform	6.07	83	288152	10.41	ug/l	99
31) Cyclohexane	6.34	56	295683	11.64	ug/l	98
32) 1,1,1-Trichloroethane	6.26	97	240009	10.24	ug/l	98
36) 1,1-Dichloropropene	6.50	75	227601	11.69	ug/l	99
37) Ethyl Acetate	5.67	43	161143	10.94	ug/l	98
38) Carbon Tetrachloride	6.47	117	205152	10.50	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.01	83	244534	11.52	ug/l	97
40) Benzene	6.76	78	571942	11.28	ug/l	100
41) Methacrylonitrile	5.90	41	66810m	8.93	ug/l	
42) 1,2-Dichloroethane	6.86	62	165465	10.38	ug/l	100
43) Isopropyl Acetate	8.33	43	202744	10.51	ug/l #	99
44) Trichloroethene	7.72	130	169202	11.25	ug/l	99
45) 1,2-Dichloropropane	8.07	63	146654	10.47	ug/l	99
46) Dibromomethane	8.19	93	97349	10.79	ug/l	97
47) Bromodichloromethane	8.47	83	205523	10.16	ug/l	99
48) Methyl methacrylate	8.22	41	115549	10.29	ug/l	98
49) 1,4-Dioxane	8.21	88	23061	226.63	ug/l #	88
51) 4-Methyl-2-Pentanone	9.32	43	834726	60.67	ug/l	99
52) Toluene	9.53	92	361893	11.15	ug/l	96
53) t-1,3-Dichloropropene	9.90	75	195478	10.47	ug/l	99
54) cis-1,3-Dichloropropene	9.08	75	233592	10.66	ug/l	95
55) 1,1,2-Trichloroethane	10.16	97	127279	10.88	ug/l	94
56) Ethyl methacrylate	10.01	69	139449	10.41	ug/l	97
57) 1,3-Dichloropropane	10.37	76	181321	10.69	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.90	63	358834	55.89	ug/l	98
59) 2-Hexanone	10.47	43	609867	60.11	ug/l	97
60) Dibromochloromethane	10.62	129	146491	9.98	ug/l	100
61) 1,2-Dibromoethane	10.74	107	125478	10.61	ug/l	95
64) Tetrachloroethene	10.24	164	164104	11.75	ug/l	96
65) Chlorobenzene	11.30	112	403637	11.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	140232	10.96	ug/l	98
67) Ethyl Benzene	11.42	91	700577	11.81	ug/l	98
68) m/p-Xylenes	11.55	106	517701	23.74	ug/l	89
69) o-Xylene	11.92	106	247387	11.63	ug/l	98
70) Styrene	11.94	104	413028	11.29	ug/l	96
71) Bromoform	12.11	173	107674	9.74	ug/l	99
73) Isopropylbenzene	12.26	105	681362	11.30	ug/l	98
74) N-amyl acetate	12.12	43	266910	10.36	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.55	83	150029	10.82	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	147676	10.23	ug/l	96
77) Bromobenzene	12.53	156	189716	11.35	ug/l	96
78) n-propylbenzene	12.63	91	854289	11.23	ug/l	99
79) 2-Chlorotoluene	12.70	91	472376	11.00	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	518332	10.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	44149	9.90	ug/l	98
82) 4-Chlorotoluene	12.80	91	538783	11.07	ug/l	99
83) tert-Butylbenzene	13.03	119	587826	10.84	ug/l	90
84) 1,2,4-Trimethylbenzene	13.08	105	552678	11.15	ug/l	99
85) sec-Butylbenzene	13.21	105	699158	10.99	ug/l	99
86) p-Isopropyltoluene	13.33	119	560712	10.74	ug/l	95
87) 1,3-Dichlorobenzene	13.30	146	335741	11.26	ug/l	96
88) 1,4-Dichlorobenzene	13.38	146	347573	11.64	ug/l	96
89) n-Butylbenzene	13.63	91	606720	11.63	ug/l	96
90) Hexachloroethane	13.85	117	130785	9.45	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	300230	11.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.21	75	21009	10.13	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.77	180	227872	10.55	ug/l	97
94) Hexachlorobutadiene	14.87	225	154651	10.88	ug/l	99
95) Naphthalene	14.96	128	351113	10.68	ug/l	98
96) 1,2,3-Trichlorobenzene	15.11	180	202371	10.92	ug/l	99

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

