

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059737.D
 Acq On : 10 Aug 2018 19:06
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:28:44 PM

Quant Time: Aug 11 05:18:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 04:59:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	158887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	196218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	159000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	85881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	246226	116.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.84%	
35) Dibromofluoromethane	5.53	113	202403	112.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	225.16%	
50) Toluene-d8	8.70	98	395795	102.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.44%	
62) 4-Bromofluorobenzene	11.92	95	193900	106.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	240961	108.54	ug/l	95
3) Chloromethane	1.46	50	96669	99.75	ug/l	98
4) Vinyl Chloride	1.54	62	131440	115.72	ug/l	97
5) Bromomethane	1.76	94	41391m	107.53	ug/l	
6) Chloroethane	1.85	64	59612	123.30	ug/l	95
7) Trichlorofluoromethane	2.06	101	246667	126.62	ug/l	100
8) Diethyl Ether	2.32	74	44910	127.54	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.53	101	132572	122.74	ug/l	95
10) Methyl Iodide	2.67	142	167647	134.58	ug/l	98
11) Tert butyl alcohol	3.26	59	42350	565.18	ug/l	96
12) 1,1-Dichloroethene	2.52	96	95902	123.05	ug/l	92
13) Acrolein	2.45	56	25213	384.88	ug/l	87
14) Allyl chloride	2.89	41	216033	119.94	ug/l	98
15) Acrylonitrile	3.34	53	116929	561.46	ug/l	98
16) Acetone	2.59	43	215446	553.17	ug/l	99
17) Carbon Disulfide	2.74	76	359213	127.60	ug/l	99
18) Methyl Acetate	2.91	43	78222	107.69	ug/l	93
19) Methyl tert-butyl Ether	3.39	73	366704	120.96	ug/l	98
20) Methylene Chloride	3.04	84	104460	69.69	ug/l	97
21) trans-1,2-Dichloroethene	3.37	96	127198	124.20	ug/l	98
22) Diisopropyl ether	4.05	45	397615	96.83	ug/l	87
23) Vinyl Acetate	4.00	43	1301369	492.43	ug/l	99
24) 1,1-Dichloroethane	3.95	63	282181	102.96	ug/l	99
25) 2-Butanone	4.82	43	250259	509.25	ug/l	98
26) 2,2-Dichloropropane	4.78	77	332468	112.06	ug/l	96
27) cis-1,2-Dichloroethene	4.78	96	137039	94.90	ug/l	94
28) Bromochloromethane	5.13	49	102696	99.72	ug/l #	91
29) Tetrahydrofuran	5.17	42	87118	455.26	ug/l	100
30) Chloroform	5.30	83	366447	107.68	ug/l	100
31) Cyclohexane	5.58	56	163588	81.98	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	400361	119.94	ug/l	98
36) 1,1-Dichloropropene	5.73	75	233805	107.05	ug/l	98
37) Ethyl Acetate	4.91	43	105841	99.83	ug/l #	96
38) Carbon Tetrachloride	5.71	117	360243	119.42	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	175745	97.41	ug/l	96
40) Benzene	6.00	78	397942	95.56	ug/l	100
41) Methacrylonitrile	5.11	41	52642	108.89	ug/l	96
42) 1,2-Dichloroethane	6.11	62	308561	113.82	ug/l	98
43) Isopropyl Acetate	7.61	43	135525	99.20	ug/l	98
44) Trichloroethene	6.97	130	161982	104.10	ug/l	100
45) 1,2-Dichloropropane	7.34	63	112077	102.05	ug/l	99
46) Dibromomethane	7.45	93	107731	109.57	ug/l	94
47) Bromodichloromethane	7.73	83	291860	115.54	ug/l	99
48) Methyl methacrylate	7.50	41	94791	102.94	ug/l	97
49) 1,4-Dioxane	7.49	88	16113	2304.50	ug/l #	78
51) 4-Methyl-2-Pentanone	8.59	43	543739	538.59	ug/l	100
52) Toluene	8.80	92	259908	97.41	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	230103	108.93	ug/l	99
54) cis-1,3-Dichloropropene	8.35	75	226685	105.92	ug/l	99
55) 1,1,2-Trichloroethane	9.45	97	98406	94.89	ug/l	93
56) Ethyl methacrylate	9.31	69	115571	101.92	ug/l	94
57) 1,3-Dichloropropane	9.66	76	166482	103.07	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.19	63	256863	470.75	ug/l	99
59) 2-Hexanone	9.78	43	405016	533.72	ug/l	97
60) Dibromochloromethane	9.96	129	201083	119.12	ug/l	99
61) 1,2-Dibromoethane	10.08	107	131139	109.43	ug/l	97
64) Tetrachloroethene	9.50	164	157944	104.50	ug/l	96
65) Chlorobenzene	10.71	112	328917	98.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	169278	112.12	ug/l	97
67) Ethyl Benzene	10.85	91	617168	101.89	ug/l	97
68) m/p-Xylenes	11.01	106	392430	204.54	ug/l	93
69) o-Xylene	11.40	106	187530	100.05	ug/l	95
70) Styrene	11.43	104	319583	101.97	ug/l	99
71) Bromoform	11.60	173	140843	123.71	ug/l	97
73) Isopropylbenzene	11.77	105	621663	109.15	ug/l	100
74) N-amyl acetate	11.64	43	186605	103.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	111358	98.04	ug/l	95
76) 1,2,3-Trichloropropane	12.11	75	131186	99.34	ug/l	99
77) Bromobenzene	12.03	156	180470	108.43	ug/l	98
78) n-propylbenzene	12.15	91	737543	104.63	ug/l	99
79) 2-Chlorotoluene	12.21	91	474128	110.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	537269	112.72	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.84	75	34743	111.76	ug/l	96
82) 4-Chlorotoluene	12.32	91	531589	105.86	ug/l	95
83) tert-Butylbenzene	12.57	119	593543	111.99	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	563898	111.42	ug/l	100
85) sec-Butylbenzene	12.75	105	609815	103.43	ug/l	98
86) p-Isopropyltoluene	12.88	119	558169	110.83	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	304915	105.61	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	291646	102.12	ug/l	99
89) n-Butylbenzene	13.19	91	552989	108.94	ug/l	99
90) Hexachloroethane	13.40	117	152959	116.38	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	258432	106.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	30577	126.88	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	234190	106.19	ug/l	98
94) Hexachlorobutadiene	14.43	225	189563	110.16	ug/l	98
95) Naphthalene	14.51	128	328299	102.21	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	211067	110.96	ug/l	99

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

