

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058155.D
 Acq On : 15 Jun 2018 16:38
 Operator : VA/AP
 Sample : VD0615SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBS01

Manual Integrations
 APPROVED

apatel
 6/18/2018 2:07:35 PM

Quant Time: Jun 15 23:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	867368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1136853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	894595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	469599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	399548	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	5.55	113	433581	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	981554	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.93	95	425543	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	255614	21.958	ug/l	96
3) Chloromethane	1.49	50	125989	21.975	ug/l	95
4) Vinyl Chloride	1.56	62	122575	22.087	ug/l	97
5) Bromomethane	1.79	94	36423	16.746	ug/l	100
6) Chloroethane	1.88	64	41189	18.812	ug/l #	87
7) Trichlorofluoromethane	2.08	101	153723	20.264	ug/l	96
8) Diethyl Ether	2.35	74	34623	24.568	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.55	101	96468	21.319	ug/l	96
10) Methyl Iodide	2.69	142	111486	19.095	ug/l	94
11) Tert butyl alcohol	3.26	59	28540m	122.859	ug/l	
12) 1,1-Dichloroethene	2.54	96	79147	22.752	ug/l	99
13) Acrolein	2.47	56	26547	79.797	ug/l	95
14) Allyl chloride	2.93	41	174332	21.724	ug/l	97
15) Acrylonitrile	3.36	53	104443	76.854	ug/l	96
16) Acetone	2.62	43	141125	112.960	ug/l	95
17) Carbon Disulfide	2.76	76	262222	20.808	ug/l	97
18) Methyl Acetate	2.94	43	51634	21.365	ug/l	97
19) Methyl tert-butyl Ether	3.41	73	311347	20.340	ug/l	98
20) Methylene Chloride	3.06	84	93497	26.607	ug/l #	93
21) trans-1,2-Dichloroethene	3.40	96	122867	15.857	ug/l	93
22) Diisopropyl ether	4.08	45	678634	21.346	ug/l	98
23) Vinyl Acetate	4.02	43	1787257	108.806	ug/l	99
24) 1,1-Dichloroethane	3.97	63	390673	22.359	ug/l	99
25) 2-Butanone	4.85	43	293527	103.381	ug/l	96
26) 2,2-Dichloropropane	4.80	77	314541	21.854	ug/l	97
27) cis-1,2-Dichloroethene	4.81	96	202838	22.073	ug/l	96
28) Bromochloromethane	5.15	49	159139	21.044	ug/l	89
29) Tetrahydrofuran	5.19	42	152738	102.622	ug/l	98
30) Chloroform	5.33	83	385111	21.901	ug/l	100
31) Cyclohexane	5.59	56	310758	20.610	ug/l	99
32) 1,1,1-Trichloroethane	5.52	97	323074	21.943	ug/l	94
36) 1,1-Dichloropropene	5.75	75	281831	22.501	ug/l	97
37) Ethyl Acetate	4.93	43	140358	20.537	ug/l	96
38) Carbon Tetrachloride	5.72	117	281040	22.767	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	281773	22.694	ug/l	92
40) Benzene	6.02	78	648862	22.176	ug/l	98
41) Methacrylonitrile	5.13	41	73569	23.543	ug/l	97
42) 1,2-Dichloroethane	6.14	62	255309	21.581	ug/l	100
43) Isopropyl Acetate	7.62	43	185999	20.778	ug/l #	92
44) Trichloroethene	6.98	130	194078	22.708	ug/l	98
45) 1,2-Dichloropropane	7.35	63	172752	21.243	ug/l	93
46) Dibromomethane	7.46	93	118712	22.724	ug/l	95
47) Bromodichloromethane	7.75	83	266129	21.757	ug/l	98
48) Methyl methacrylate	7.51	41	109578	19.888	ug/l	95
49) 1,4-Dioxane	7.49	88	20230	443.209	ug/l #	86
51) 4-Methyl-2-Pentanone	8.60	43	637647	111.053	ug/l	99
52) Toluene	8.80	92	371481	22.122	ug/l	94
53) t-1,3-Dichloropropene	9.20	75	223054	21.166	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	274960	22.147	ug/l	99
55) 1,1,2-Trichloroethane	9.45	97	125070	23.013	ug/l	94
56) Ethyl methacrylate	9.32	69	142508	21.377	ug/l	98
57) 1,3-Dichloropropane	9.67	76	216558	22.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	389852	115.748	ug/l	97
59) 2-Hexanone	9.79	43	477522	113.484	ug/l	98
60) Dibromochloromethane	9.96	129	170800	22.287	ug/l	94
61) 1,2-Dibromoethane	10.09	107	136938	21.910	ug/l	99
64) Tetrachloroethene	9.51	164	187563	23.452	ug/l	97
65) Chlorobenzene	10.72	112	425420	23.490	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	159800	22.966	ug/l	98
67) Ethyl Benzene	10.86	91	768220	23.479	ug/l	99
68) m/p-Xylenes	11.02	106	519170	48.674	ug/l	95
69) o-Xylene	11.41	106	237087	22.393	ug/l	99
70) Styrene	11.43	104	404932	23.103	ug/l	98
71) Bromoform	11.60	173	116993	22.351	ug/l	96
73) Isopropylbenzene	11.78	105	699458	22.488	ug/l	100
74) N-amyl acetate	11.65	43	255462	21.285	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.08	83	146592	21.617	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	155081	21.985	ug/l	97
77) Bromobenzene	12.04	156	200745	21.804	ug/l	93
78) n-propylbenzene	12.16	91	917405	22.666	ug/l	100
79) 2-Chlorotoluene	12.22	91	529059	22.913	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	531022	21.892	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.85	75	39458	22.584	ug/l	90
82) 4-Chlorotoluene	12.33	91	569804	23.701	ug/l	95
83) tert-Butylbenzene	12.57	119	624624	22.805	ug/l	91
84) 1,2,4-Trimethylbenzene	12.63	105	587091	22.510	ug/l	95
85) sec-Butylbenzene	12.76	105	734874	22.232	ug/l	97
86) p-Isopropyltoluene	12.89	119	596970	22.407	ug/l	97
87) 1,3-Dichlorobenzene	12.85	146	348666	22.387	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	332090	21.885	ug/l	97
89) n-Butylbenzene	13.19	91	647287	24.752	ug/l	97
90) Hexachloroethane	13.40	117	151784	22.321	ug/l	71
91) 1,2-Dichlorobenzene	13.19	146	297617	23.647	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.77	75	23338	22.299	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	278090	23.650	ug/l	99
94) Hexachlorobutadiene	14.43	225	211417	22.858	ug/l	98
95) Naphthalene	14.52	128	346071	22.827	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	237254	23.676	ug/l	98

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

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