

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090618\
 Data File : VD059982.D
 Acq On : 6 Sep 2018 13:34
 Operator : JC/SY
 Sample : VD0906SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBSD01

Manual Integrations
 APPROVED

apatel
 9/7/2018 10:24:32 AM

Quant Time: Sep 07 04:19:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1199141	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	1592910	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1359371	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	749853	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	490046	48.49	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	6.30	113	660198	52.86	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	9.44	98	1792389	51.71	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.42	95	715829	50.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	179593m	16.75	ug/l	
3) Chloromethane	1.73	50	152366	15.69	ug/l	95
4) Vinyl Chloride	1.82	62	131219	17.23	ug/l	99
5) Bromomethane	2.11	94	11462	8.72	ug/l	99
6) Chloroethane	2.22	64	33675	12.18	ug/l	95
7) Trichlorofluoromethane	2.47	101	166459	18.90	ug/l	100
8) Diethyl Ether	2.80	74	36113	18.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.05	101	121469	22.52	ug/l	96
10) Methyl Iodide	3.21	142	93404	18.59	ug/l	93
11) Tert butyl alcohol	3.96	59	86438	112.09	ug/l	99
12) 1,1-Dichloroethene	3.03	96	83975	20.00	ug/l	96
13) Acrolein	2.95	56	19572	58.51	ug/l	92
14) Allyl chloride	3.50	41	197609	20.80	ug/l	99
15) Acrylonitrile	4.06	53	315103	109.11	ug/l	99
16) Acetone	3.13	43	183886	99.86	ug/l	96
17) Carbon Disulfide	3.28	76	195340	14.99	ug/l	98
18) Methyl Acetate	3.53	43	71516	18.60	ug/l	97
19) Methyl tert-butyl Ether	4.10	73	492455	20.73	ug/l	100
20) Methylene Chloride	3.68	84	262006	19.01	ug/l	97
21) trans-1,2-Dichloroethene	4.06	96	224063	19.36	ug/l	96
22) Diisopropyl ether	4.82	45	1044817	21.56	ug/l	99
23) Vinyl Acetate	4.78	43	3005202	110.95	ug/l	99
24) 1,1-Dichloroethane	4.73	63	438553	20.95	ug/l	99
25) 2-Butanone	5.60	43	499141	91.53	ug/l	97
26) 2,2-Dichloropropane	5.55	77	357748	20.44	ug/l	96
27) cis-1,2-Dichloroethene	5.56	96	275939	21.78	ug/l	98
28) Bromochloromethane	5.90	49	209020	20.83	ug/l	92
29) Tetrahydrofuran	5.94	42	279951	107.83	ug/l	99
30) Chloroform	6.07	83	463933	21.81	ug/l	97
31) Cyclohexane	6.34	56	347954	18.08	ug/l	100
32) 1,1,1-Trichloroethane	6.26	97	366672	20.31	ug/l	96
36) 1,1-Dichloropropene	6.50	75	305723	21.17	ug/l	99
37) Ethyl Acetate	5.67	43	249320	22.19	ug/l	98
38) Carbon Tetrachloride	6.48	117	298876	20.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	314761	20.18	ug/l	96
40) Benzene	6.77	78	820474	21.85	ug/l	98
41) Methacrylonitrile	5.90	41	119096m	21.04	ug/l	
42) 1,2-Dichloroethane	6.87	62	260415	21.61	ug/l	98
43) Isopropyl Acetate	8.33	43	321286	21.98	ug/l #	98
44) Trichloroethene	7.72	130	249125	22.54	ug/l	99
45) 1,2-Dichloropropane	8.08	63	232456	22.15	ug/l	99
46) Dibromomethane	8.20	93	144984	21.49	ug/l #	87
47) Bromodichloromethane	8.48	83	325825	21.33	ug/l	98
48) Methyl methacrylate	8.23	41	180974	21.24	ug/l	97
49) 1,4-Dioxane	8.21	88	36006	473.27	ug/l #	92
51) 4-Methyl-2-Pentanone	9.33	43	1053794	96.69	ug/l	98
52) Toluene	9.53	92	539533	22.41	ug/l	99
53) t-1,3-Dichloropropene	9.90	75	299126	21.17	ug/l	98
54) cis-1,3-Dichloropropene	9.09	75	359276	21.93	ug/l	97
55) 1,1,2-Trichloroethane	10.17	97	196197	22.29	ug/l	97
56) Ethyl methacrylate	10.02	69	225952	22.25	ug/l	98
57) 1,3-Dichloropropane	10.37	76	292639	22.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.91	63	593863	121.88	ug/l	96
59) 2-Hexanone	10.47	43	790628	98.36	ug/l	96
60) Dibromochloromethane	10.63	129	244360	22.09	ug/l	99
61) 1,2-Dibromoethane	10.75	107	201112	22.60	ug/l	97
64) Tetrachloroethene	10.24	164	228776	21.77	ug/l	98
65) Chlorobenzene	11.30	112	623693	23.09	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.41	131	228641	23.17	ug/l	98
67) Ethyl Benzene	11.42	91	1072860	23.61	ug/l	99
68) m/p-Xylenes	11.56	106	772123	46.66	ug/l	96
69) o-Xylene	11.93	106	369653	22.84	ug/l	97
70) Styrene	11.95	104	640054	22.84	ug/l	99
71) Bromoform	12.11	173	171490	20.08	ug/l	99
73) Isopropylbenzene	12.26	105	1023618	21.38	ug/l	100
74) N-amyl acetate	12.13	43	415515	19.83	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	239818	21.66	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	240375	20.63	ug/l	100
77) Bromobenzene	12.53	156	293140	22.09	ug/l	99
78) n-propylbenzene	12.63	91	1257806	20.75	ug/l	97
79) 2-Chlorotoluene	12.70	91	725812	21.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.79	105	836924	21.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.33	75	67693	18.67	ug/l	97
82) 4-Chlorotoluene	12.81	91	845896	21.64	ug/l	99
83) tert-Butylbenzene	13.04	119	882984m	20.37	ug/l	
84) 1,2,4-Trimethylbenzene	13.09	105	851070	21.46	ug/l	97
85) sec-Butylbenzene	13.22	105	1117681	21.92	ug/l	96
86) p-Isopropyltoluene	13.34	119	908098	21.90	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	525389	22.17	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	538471	22.78	ug/l	99
89) n-Butylbenzene	13.64	91	933279	20.89	ug/l	98
90) Hexachloroethane	13.85	117	217600	19.55	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	471850	23.42	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	32058	18.83	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	390662	22.65	ug/l	99
94) Hexachlorobutadiene	14.87	225	260765	23.06	ug/l	99
95) Naphthalene	14.96	128	593542	22.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	331731	22.49	ug/l	99

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

