

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059399.D
 Acq On : 25 Jun 2018 15:19
 Operator : VA/AP
 Sample : VD0625SBSD02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD02

Quant Time: Jun 26 06:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	920937	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1184219	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	941880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	495884	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	416569	44.23	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.46%	
35) Dibromofluoromethane	5.54	113	439445	45.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.12%	
50) Toluene-d8	8.70	98	1019688	45.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	11.93	95	437682	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	203210	24.80	ug/l	99
3) Chloromethane	1.48	50	101917	23.90	ug/l	95
4) Vinyl Chloride	1.55	62	102902	23.26	ug/l	91
5) Bromomethane	1.79	94	34361	20.80	ug/l	88
6) Chloroethane	1.87	64	34711	17.13	ug/l	98
7) Trichlorofluoromethane	2.07	101	141001	22.11	ug/l	98
8) Diethyl Ether	2.34	74	30483	21.12	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.54	101	93407	23.57	ug/l	88
10) Methyl Iodide	2.68	142	101650	21.96	ug/l	95
11) Tert butyl alcohol	3.25	59	28244	86.69	ug/l	95
12) 1,1-Dichloroethene	2.54	96	64614	21.29	ug/l	96
13) Acrolein	2.46	56	36388	124.93	ug/l	96
14) Allyl chloride	2.91	41	156872	22.59	ug/l	99
15) Acrylonitrile	3.35	53	92184	92.19	ug/l	88
16) Acetone	2.61	43	127542	107.30	ug/l	97
17) Carbon Disulfide	2.74	76	217610	23.41	ug/l	97
18) Methyl Acetate	2.93	43	57152	21.12	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	260020	17.41	ug/l	98
20) Methylene Chloride	3.06	84	93173	27.12	ug/l	97
21) trans-1,2-Dichloroethene	3.37	96	89995	16.77	ug/l	# 82
22) Diisopropyl ether	4.06	45	551636	21.11	ug/l	94
23) Vinyl Acetate	4.00	43	1445290	106.15	ug/l	99
24) 1,1-Dichloroethane	3.96	63	315908	21.13	ug/l	98
25) 2-Butanone	4.83	43	249354	100.14	ug/l	94
26) 2,2-Dichloropropane	4.78	77	274819	23.70	ug/l	99
27) cis-1,2-Dichloroethene	4.79	96	182462	20.24	ug/l	93
28) Bromochloromethane	5.14	49	126555	19.52	ug/l	91
29) Tetrahydrofuran	5.17	42	133402	97.95	ug/l	98
30) Chloroform	5.31	83	352185	21.61	ug/l	98
31) Cyclohexane	5.58	56	241376	22.30	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	290966	22.05	ug/l	96
36) 1,1-Dichloropropene	5.74	75	241638	22.49	ug/l	95
37) Ethyl Acetate	4.92	43	128365	19.62	ug/l	97
38) Carbon Tetrachloride	5.72	117	254039	22.94	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	234006	22.97	ug/l	93
40) Benzene	6.00	78	573097	22.23	ug/l	98
41) Methacrylonitrile	5.12	41	61011	19.36	ug/l	96
42) 1,2-Dichloroethane	6.12	62	237032	20.81	ug/l	96
43) Isopropyl Acetate	7.62	43	163474	19.90	ug/l #	98
44) Trichloroethene	6.98	130	176365	20.89	ug/l	93
45) 1,2-Dichloropropane	7.34	63	154805	21.68	ug/l	98
46) Dibromomethane	7.46	93	106033	20.65	ug/l #	77
47) Bromodichloromethane	7.73	83	246029	21.41	ug/l	98
48) Methyl methacrylate	7.50	41	101111	20.20	ug/l	97
49) 1,4-Dioxane	7.48	88	21181	421.94	ug/l #	86
51) 4-Methyl-2-Pentanone	8.59	43	554878	101.35	ug/l	97
52) Toluene	8.80	92	317192	20.60	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	200414	20.87	ug/l	96
54) cis-1,3-Dichloropropene	8.35	75	233169	20.97	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	116078	20.77	ug/l	94
56) Ethyl methacrylate	9.31	69	130151	20.40	ug/l	96
57) 1,3-Dichloropropane	9.66	76	185603	20.30	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.18	63	344734	104.99	ug/l	95
59) 2-Hexanone	9.78	43	401925	103.30	ug/l	99
60) Dibromochloromethane	9.95	129	160533	20.51	ug/l	96
61) 1,2-Dibromoethane	10.09	107	125375	20.14	ug/l	97
64) Tetrachloroethene	9.51	164	172542	20.88	ug/l	99
65) Chlorobenzene	10.72	112	378452	21.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	152514	23.07	ug/l	95
67) Ethyl Benzene	10.85	91	694083	23.88	ug/l	99
68) m/p-Xylenes	11.00	106	444176	46.07	ug/l	98
69) o-Xylene	11.40	106	224402	23.54	ug/l	89
70) Styrene	11.43	104	384347	23.52	ug/l	98
71) Bromoform	11.59	173	115984	21.18	ug/l	95
73) Isopropylbenzene	11.77	105	630430	22.53	ug/l	96
74) N-amyl acetate	11.64	43	213819	20.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	133177	20.29	ug/l	98
76) 1,2,3-Trichloropropane	12.10	75	147300	21.54	ug/l	100
77) Bromobenzene	12.04	156	198934	22.59	ug/l	95
78) n-propylbenzene	12.14	91	815309	23.00	ug/l	96
79) 2-Chlorotoluene	12.21	91	469680	22.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	499271	22.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	34015	21.88	ug/l	91
82) 4-Chlorotoluene	12.32	91	522433	22.14	ug/l	93
83) tert-Butylbenzene	12.57	119	553597	23.36	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	514119	21.81	ug/l	98
85) sec-Butylbenzene	12.75	105	633423	21.78	ug/l	96
86) p-Isopropyltoluene	12.88	119	544494	23.23	ug/l	99
87) 1,3-Dichlorobenzene	12.83	146	327349	22.59	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	320342	22.40	ug/l	96
89) n-Butylbenzene	13.19	91	570843	24.67	ug/l	96
90) Hexachloroethane	13.39	117	131444	22.48	ug/l	93
91) 1,2-Dichlorobenzene	13.19	146	290550	23.65	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	23556	21.76	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	248840	21.91	ug/l	95
94) Hexachlorobutadiene	14.43	225	192263	22.50	ug/l	98
95) Naphthalene	14.51	128	330886	20.90	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	225701	22.10	ug/l	100

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

