

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061618.D
 Acq On : 5 Apr 2019 13:58
 Operator : VA/AP
 Sample : VD0405SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBS01

Quant Time: Apr 05 14:23:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	636782	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	933408	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	828153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	363427	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	283850	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
35) Dibromofluoromethane	6.91	113	419762	58.85	ug/l	0.01
Spiked Amount			Recovery	=	117.70%	
50) Toluene-d8	10.39	98	988978	57.81	ug/l	0.00
Spiked Amount			Recovery	=	115.62%	
62) 4-Bromofluorobenzene	13.54	95	364691	55.59	ug/l	0.00
Spiked Amount			Recovery	=	111.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	124806	18.352	ug/l	99
3) Chloromethane	1.76	50	112847	20.347	ug/l	97
4) Vinyl Chloride	1.85	62	108818	21.369	ug/l	97
5) Bromomethane	2.15	94	17928	17.754	ug/l #	98
6) Chloroethane	2.26	64	26578	17.797	ug/l	93
7) Trichlorofluoromethane	2.52	101	154482	20.862	ug/l	98
8) Diethyl Ether	2.87	74	44253	18.561	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.15	101	153745	19.312	ug/l	97
10) Methyl Iodide	3.30	142	185385	17.722	ug/l	98
11) Tert butyl alcohol	4.05	59	33785	99.730	ug/l	98
12) 1,1-Dichloroethene	3.12	96	126378	18.490	ug/l	95
13) Acrolein	3.04	56	18357	53.072	ug/l	95
14) Allyl chloride	3.62	41	188982	19.823	ug/l	95
15) Acrylonitrile	4.19	53	112479	95.663	ug/l	98
16) Acetone	3.21	43	129659	92.723	ug/l	93
17) Carbon Disulfide	3.37	76	380498	17.134	ug/l	98
18) Methyl Acetate	3.64	43	62762	21.347	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	230542	19.486	ug/l	94
20) Methylene Chloride	3.81	84	154997	18.580	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	141938	19.235	ug/l	98
22) Diisopropyl ether	5.10	45	380917	18.882	ug/l	99
23) Vinyl Acetate	5.04	43	1019260	93.013	ug/l	100
24) 1,1-Dichloroethane	4.97	63	240080	20.250	ug/l	99
25) 2-Butanone	6.06	43	168841	95.987	ug/l	97
26) 2,2-Dichloropropane	6.01	77	188913	20.044	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	158231	19.571	ug/l	99
28) Bromochloromethane	6.42	49	102681	21.455	ug/l #	95
29) Tetrahydrofuran	6.44	42	85644	100.453	ug/l	97
30) Chloroform	6.65	83	249531	20.369	ug/l	99
31) Cyclohexane	6.94	56	181383	19.360	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	204405	18.913	ug/l	98
36) 1,1-Dichloropropene	7.13	75	188860	23.183	ug/l	99
37) Ethyl Acetate	6.17	43	73897	21.210	ug/l #	94
38) Carbon Tetrachloride	7.09	117	221225	23.632	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	194778	22.957	ug/l	95
40) Benzene	7.44	78	466806	22.832	ug/l	95
41) Methacrylonitrile	6.43	41	94563	23.213	ug/l #	95
42) 1,2-Dichloroethane	7.56	62	153015	25.020	ug/l	98
43) Isopropyl Acetate	9.23	43	119149	23.504	ug/l	98
44) Trichloroethene	8.52	130	175503	23.066	ug/l	100
45) 1,2-Dichloropropane	8.92	63	118057	22.772	ug/l	99
46) Dibromomethane	9.05	93	82407	23.616	ug/l	97
47) Bromodichloromethane	9.36	83	188081	24.014	ug/l	97
48) Methyl methacrylate	9.10	41	60300	21.554	ug/l	99
49) 1,4-Dioxane	9.07	88	13290	430.681	ug/l	92
51) 4-Methyl-2-Pentanone	10.29	43	358869	116.361	ug/l	99
52) Toluene	10.49	92	285793	22.912	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	175350	24.642	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	199681	23.046	ug/l	96
55) 1,1,2-Trichloroethane	11.18	97	97079	22.255	ug/l	98
56) Ethyl methacrylate	11.03	69	108209	23.091	ug/l	97
57) 1,3-Dichloropropane	11.39	76	144002	22.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	284489	124.659	ug/l	97
59) 2-Hexanone	11.52	43	250414	112.066	ug/l	99
60) Dibromochloromethane	11.67	129	161935	24.080	ug/l	97
61) 1,2-Dibromoethane	11.79	107	116582	23.080	ug/l	95
64) Tetrachloroethene	11.24	164	137924	21.221	ug/l	95
65) Chlorobenzene	12.39	112	356808	21.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	140803	21.487	ug/l	98
67) Ethyl Benzene	12.52	91	565603	21.894	ug/l	97
68) m/p-Xylenes	12.65	106	438053	44.764	ug/l	96
69) o-Xylene	13.04	106	210527	22.169	ug/l	97
70) Styrene	13.06	104	340603	20.575	ug/l	96
71) Bromoform	13.22	173	81634	19.652	ug/l	97
73) Isopropylbenzene	13.39	105	569976	22.534	ug/l	99
74) N-amyl acetate	13.25	43	149000	21.146	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	110121	20.638	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	112817	21.490	ug/l	99
77) Bromobenzene	13.66	156	154488	20.602	ug/l	92
78) n-propylbenzene	13.77	91	683836	22.092	ug/l	98
79) 2-Chlorotoluene	13.82	91	321291	19.116	ug/l	94
80) 1,3,5-Trimethylbenzene	13.92	105	413747	21.082	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	32986	20.608	ug/l	94
82) 4-Chlorotoluene	13.93	91	418197	22.883	ug/l	92
83) tert-Butylbenzene	14.18	119	509210	20.762	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	468351	22.043	ug/l	100
85) sec-Butylbenzene	14.36	105	543459	20.858	ug/l	100
86) p-Isopropyltoluene	14.48	119	519881	23.596	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	270721	21.320	ug/l	97
88) 1,4-Dichlorobenzene	14.52	146	283616	22.903	ug/l	94
89) n-Butylbenzene	14.79	91	447540	22.131	ug/l	98
90) Hexachloroethane	15.00	117	138449	22.243	ug/l	78
91) 1,2-Dichlorobenzene	14.80	146	237906	22.841	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	11316	18.082	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	94698	19.959	ug/l	97
94) Hexachlorobutadiene	16.03	225	81698	22.035	ug/l	99
95) Naphthalene	16.12	128	141524	19.569	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	44092	21.118	ug/l	99

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

