

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061558.D
 Acq On : 3 Apr 2019 16:25
 Operator : VA/AP
 Sample : VD0403SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0403SBS01

Quant Time: Apr 04 01:48:52 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	7.04	168	618621	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1010774	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	791914	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	409693	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	268165	50.75	ug/l	0.02
Spiked Amount			Recovery	=	101.50%	
35) Dibromofluoromethane	6.92	113	393632	50.96	ug/l	0.02
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	10.41	98	900646	48.62	ug/l	0.02
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	13.56	95	387515	54.55	ug/l	0.01
Spiked Amount			Recovery	=	109.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	139005	21.040	ug/l	99
3) Chloromethane	1.76	50	117599	21.826	ug/l	99
4) Vinyl Chloride	1.85	62	99234	20.059	ug/l	97
5) Bromomethane	2.15	94	20595	20.994	ug/l	95
6) Chloroethane	2.26	64	22662	15.621	ug/l	91
7) Trichlorofluoromethane	2.52	101	148059	20.581	ug/l	98
8) Diethyl Ether	2.87	74	46526	20.087	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	163755	21.173	ug/l	98
10) Methyl Iodide	3.31	142	200818	19.362	ug/l	98
11) Tert butyl alcohol	4.07	59	38437	116.793	ug/l	97
12) 1,1-Dichloroethene	3.12	96	136930	20.622	ug/l	98
13) Acrolein	3.04	56	22558	73.815	ug/l	94
14) Allyl chloride	3.62	41	198356	21.418	ug/l	98
15) Acrylonitrile	4.20	53	129601	113.461	ug/l	94
16) Acetone	3.22	43	146843	108.094	ug/l	93
17) Carbon Disulfide	3.38	76	425135	19.706	ug/l	99
18) Methyl Acetate	3.64	43	67407	23.600	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	248689	21.636	ug/l	97
20) Methylene Chloride	3.81	84	201142	25.490	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	152731	21.305	ug/l	99
22) Diisopropyl ether	5.11	45	432881	22.088	ug/l	92
23) Vinyl Acetate	5.05	43	1184653	111.279	ug/l	98
24) 1,1-Dichloroethane	4.98	63	248520	21.577	ug/l	100
25) 2-Butanone	6.07	43	175486	102.693	ug/l	100
26) 2,2-Dichloropropane	6.03	77	204915	22.380	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	173246	22.057	ug/l	99
28) Bromochloromethane	6.43	49	99225	21.342	ug/l #	93
29) Tetrahydrofuran	6.45	42	97148	117.291	ug/l	98
30) Chloroform	6.67	83	267175	22.450	ug/l	99
31) Cyclohexane	6.95	56	186564	20.498	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	224408	21.374	ug/l	98
36) 1,1-Dichloropropene	7.15	75	199400	22.603	ug/l	99
37) Ethyl Acetate	6.19	43	95712	25.369	ug/l	98
38) Carbon Tetrachloride	7.11	117	219639	21.667	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	192953	21.001	ug/l	95
40) Benzene	7.46	78	506971	22.898	ug/l	95
41) Methacrylonitrile	6.45	41	107138	24.287	ug/l	97
42) 1,2-Dichloroethane	7.58	62	154235	23.289	ug/l	100
43) Isopropyl Acetate	9.24	43	129569	23.603	ug/l	99
44) Trichloroethene	8.54	130	189106	22.951	ug/l	98
45) 1,2-Dichloropropane	8.94	63	128246	22.843	ug/l	97
46) Dibromomethane	9.06	93	88071	23.307	ug/l	95
47) Bromodichloromethane	9.37	83	186397	21.978	ug/l	96
48) Methyl methacrylate	9.12	41	69189	22.838	ug/l	94
49) 1,4-Dioxane	9.08	88	15817	473.339	ug/l	98
51) 4-Methyl-2-Pentanone	10.30	43	407895	122.134	ug/l	97
52) Toluene	10.51	92	312169	23.111	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	184631	23.961	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	217611	23.193	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	110955	23.489	ug/l	95
56) Ethyl methacrylate	11.04	69	121668	23.976	ug/l	97
57) 1,3-Dichloropropane	11.41	76	153258	22.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	305755	123.722	ug/l	98
59) 2-Hexanone	11.53	43	322811	133.407	ug/l	99
60) Dibromochloromethane	11.69	129	172654	23.709	ug/l	99
61) 1,2-Dibromoethane	11.81	107	125695	22.979	ug/l	100
64) Tetrachloroethene	11.26	164	138340	22.259	ug/l	97
65) Chlorobenzene	12.40	112	382059	23.607	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	158021	25.218	ug/l	98
67) Ethyl Benzene	12.53	91	653227	26.443	ug/l	98
68) m/p-Xylenes	12.67	106	467421	49.951	ug/l	95
69) o-Xylene	13.05	106	223335	24.594	ug/l	99
70) Styrene	13.08	104	390048	24.640	ug/l	98
71) Bromoform	13.23	173	95949	24.155	ug/l #	96
73) Isopropylbenzene	13.40	105	587604	20.607	ug/l	99
74) N-amyl acetate	13.26	43	170524	21.468	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	126877	21.093	ug/l	95
76) 1,2,3-Trichloropropane	13.74	75	124966	21.116	ug/l	97
77) Bromobenzene	13.67	156	167384	19.801	ug/l	98
78) n-propylbenzene	13.78	91	702567	20.134	ug/l	98
79) 2-Chlorotoluene	13.84	91	389512	20.558	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	509275	23.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	33875	18.773	ug/l	96
82) 4-Chlorotoluene	13.95	91	447358	21.715	ug/l	98
83) tert-Butylbenzene	14.19	119	568370	20.557	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	522007	21.794	ug/l	99
85) sec-Butylbenzene	14.37	105	655860	22.329	ug/l	100
86) p-Isopropyltoluene	14.49	119	572305	23.042	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	308989	21.585	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	323843	23.198	ug/l	99
89) n-Butylbenzene	14.80	91	519000	22.767	ug/l	99
90) Hexachloroethane	15.01	117	131786	18.782	ug/l	71
91) 1,2-Dichlorobenzene	14.81	146	265415	22.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	15765	22.347	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	141329	26.423	ug/l	98
94) Hexachlorobutadiene	16.04	225	106212	25.412	ug/l	95
95) Naphthalene	16.13	128	226911	27.832	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	86828	36.890	ug/l	98

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

