

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042619\
 Data File : VD062056.D
 Acq On : 26 Apr 2019 12:33
 Operator : VA/AP
 Sample : VD0426SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0426SBS01

Quant Time: Apr 26 23:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	577849	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	858664	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	683187	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	322592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	251153	55.53	ug/l	0.02
Spiked Amount			Recovery	=	111.06%	
35) Dibromofluoromethane	6.94	113	349629	58.88	ug/l	0.00
Spiked Amount			Recovery	=	117.76%	
50) Toluene-d8	10.43	98	826466	58.49	ug/l	0.00
Spiked Amount			Recovery	=	116.98%	
62) 4-Bromofluorobenzene	13.57	95	308521	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	84595	16.395	ug/l	100
3) Chloromethane	1.76	50	70593	16.097	ug/l	96
4) Vinyl Chloride	1.85	62	67673	17.025	ug/l	96
5) Bromomethane	2.15	94	20308	16.824	ug/l	88
6) Chloroethane	2.27	64	27716	19.290	ug/l	99
7) Trichlorofluoromethane	2.53	101	115647	19.243	ug/l	96
8) Diethyl Ether	2.89	74	30095	18.684	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.16	101	113900	20.574	ug/l	91
10) Methyl Iodide	3.32	142	128923	19.054	ug/l	98
11) Tert butyl alcohol	4.08	59	27322	106.924	ug/l #	90
12) 1,1-Dichloroethene	3.14	96	95849	20.350	ug/l	97
13) Acrolein	3.05	56	26518	100.020	ug/l	94
14) Allyl chloride	3.64	41	125587	19.526	ug/l	98
15) Acrylonitrile	4.21	53	74055	93.592	ug/l	96
16) Acetone	3.23	43	104705	96.962	ug/l	98
17) Carbon Disulfide	3.39	76	237433	17.444	ug/l	98
18) Methyl Acetate	3.66	43	44520	21.500	ug/l	100
19) Methyl tert-butyl Ether	4.26	73	174811	18.706	ug/l	92
20) Methylene Chloride	3.83	84	108087	18.555	ug/l	96
21) trans-1,2-Dichloroethene	4.24	96	93396	17.285	ug/l	98
22) Diisopropyl ether	5.14	45	270667	18.025	ug/l	96
23) Vinyl Acetate	5.08	43	748967	95.778	ug/l	98
24) 1,1-Dichloroethane	5.00	63	167779	18.486	ug/l	98
25) 2-Butanone	6.10	43	124423	95.034	ug/l	96
26) 2,2-Dichloropropane	6.05	77	159080	20.092	ug/l	99
27) cis-1,2-Dichloroethene	6.06	96	116437	18.942	ug/l	99
28) Bromochloromethane	6.46	49	75478	21.735	ug/l	99
29) Tetrahydrofuran	6.47	42	65634	101.743	ug/l	98
30) Chloroform	6.69	83	209719	20.344	ug/l	100
31) Cyclohexane	6.98	56	116894	17.352	ug/l	94
32) 1,1,1-Trichloroethane	6.89	97	184869	20.611	ug/l	98
36) 1,1-Dichloropropene	7.17	75	153086	22.883	ug/l	98
37) Ethyl Acetate	6.21	43	64666	22.683	ug/l #	88
38) Carbon Tetrachloride	7.14	117	185797	21.917	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	134622	20.396	ug/l	98
40) Benzene	7.48	78	350322	21.152	ug/l	96
41) Methacrylonitrile	6.46	41	78423	23.577	ug/l #	88
42) 1,2-Dichloroethane	7.60	62	127752	22.718	ug/l	98
43) Isopropyl Acetate	9.26	43	88393	21.221	ug/l	96
44) Trichloroethene	8.57	130	134210	20.902	ug/l	96
45) 1,2-Dichloropropane	8.96	63	83794	19.943	ug/l	94
46) Dibromomethane	9.09	93	66959	22.148	ug/l	96
47) Bromodichloromethane	9.40	83	148709	20.817	ug/l	98
48) Methyl methacrylate	9.14	41	53727	22.607	ug/l	94
49) 1,4-Dioxane	9.11	88	10767	420.213	ug/l	90
51) 4-Methyl-2-Pentanone	10.32	43	288894	113.407	ug/l	99
52) Toluene	10.54	92	211864	20.063	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	136194	22.714	ug/l	99
54) cis-1,3-Dichloropropene	10.06	75	158031	21.669	ug/l	98
55) 1,1,2-Trichloroethane	11.21	97	80090	22.591	ug/l	94
56) Ethyl methacrylate	11.06	69	87461	22.274	ug/l	96
57) 1,3-Dichloropropane	11.42	76	120946	22.088	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.88	63	230086	126.036	ug/l	97
59) 2-Hexanone	11.55	43	199354	104.324	ug/l	99
60) Dibromochloromethane	11.71	129	120912	20.612	ug/l	98
61) 1,2-Dibromoethane	11.83	107	90512	21.522	ug/l	94
64) Tetrachloroethene	11.28	164	95698	19.636	ug/l	96
65) Chlorobenzene	12.42	112	263048	20.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	122042	22.286	ug/l	97
67) Ethyl Benzene	12.54	91	456723	21.675	ug/l	95
68) m/p-Xylenes	12.68	106	327180	42.961	ug/l	100
69) o-Xylene	13.07	106	162092	23.262	ug/l	97
70) Styrene	13.09	104	287992	23.936	ug/l	99
71) Bromoform	13.25	173	69572	22.285	ug/l #	96
73) Isopropylbenzene	13.42	105	471116	21.893	ug/l	99
74) N-amyl acetate	13.28	43	113915	20.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.72	83	91837	21.778	ug/l	99
76) 1,2,3-Trichloropropane	13.75	75	93332	22.784	ug/l	99
77) Bromobenzene	13.69	156	125774	20.374	ug/l	97
78) n-propylbenzene	13.79	91	562575	22.837	ug/l	100
79) 2-Chlorotoluene	13.85	91	282085	18.905	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	366878	21.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.49	75	24095	19.410	ug/l	93
82) 4-Chlorotoluene	13.96	91	348275	21.194	ug/l	95
83) tert-Butylbenzene	14.20	119	442466	22.260	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	372982	22.765	ug/l	94
85) sec-Butylbenzene	14.38	105	470052	21.886	ug/l	97
86) p-Isopropyltoluene	14.50	119	398901	20.753	ug/l	98
87) 1,3-Dichlorobenzene	14.47	146	210090	19.434	ug/l	94
88) 1,4-Dichlorobenzene	14.55	146	214507	21.218	ug/l	95
89) n-Butylbenzene	14.81	91	383900	22.246	ug/l	97
90) Hexachloroethane	15.02	117	111037	21.363	ug/l	89
91) 1,2-Dichlorobenzene	14.82	146	195628	21.938	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12173	21.145	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	110964	23.063	ug/l	98
94) Hexachlorobutadiene	16.05	225	80296	22.551	ug/l	99
95) Naphthalene	16.14	128	180053	23.177	ug/l	100
96) 1,2,3-Trichlorobenzene	16.29	180	72241	26.463	ug/l	96

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

