

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063455.D
 Acq On : 9 Aug 2019 00:41
 Operator : JC/SY
 Sample : VD0808SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS02

Quant Time: Aug 09 03:18:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	869129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1229932	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1001208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	548350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	521768	54.10	ug/l	0.02
Spiked Amount			Recovery	=	108.20%	
35) Dibromofluoromethane	6.93	113	558260	53.16	ug/l	0.02
Spiked Amount			Recovery	=	106.32%	
50) Toluene-d8	10.41	98	1273950	54.21	ug/l	0.00
Spiked Amount			Recovery	=	108.42%	
62) 4-Bromofluorobenzene	13.56	95	536598	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	225250	21.202	ug/l	97
3) Chloromethane	1.74	50	185897	22.522	ug/l	96
4) Vinyl Chloride	1.84	62	184014	21.535	ug/l	99
5) Bromomethane	2.14	94	88678	20.577	ug/l	91
6) Chloroethane	2.25	64	72083	18.271	ug/l #	76
7) Trichlorofluoromethane	2.53	101	367930	22.195	ug/l	96
8) Diethyl Ether	2.87	74	50846	21.916	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.14	101	213250	23.223	ug/l	89
10) Methyl Iodide	3.29	142	274969	20.728	ug/l	95
11) Tert butyl alcohol	4.07	59	52478	123.998	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	161828	24.006	ug/l #	79
13) Acrolein	3.03	56	26927	66.110	ug/l	90
14) Allyl chloride	3.62	41	256784	23.911	ug/l	96
15) Acrylonitrile	4.20	53	133840	121.980	ug/l	98
16) Acetone	3.23	43	200937	106.939	ug/l	96
17) Carbon Disulfide	3.37	76	462188	20.484	ug/l	99
18) Methyl Acetate	3.64	43	104258	28.887	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	376679	24.737	ug/l	93
20) Methylene Chloride	3.82	84	189775	24.986	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	172606	22.819	ug/l	89
22) Diisopropyl ether	5.13	45	517864	24.137	ug/l	98
23) Vinyl Acetate	5.06	43	1565220	118.678	ug/l	100
24) 1,1-Dichloroethane	4.98	63	323645	23.615	ug/l	97
25) 2-Butanone	6.08	43	223542	118.544	ug/l	93
26) 2,2-Dichloropropane	6.02	77	289873	20.524	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	185184	22.835	ug/l	95
28) Bromochloromethane	6.45	49	125762	23.032	ug/l #	99
29) Tetrahydrofuran	6.46	42	110738	124.035	ug/l	95
30) Chloroform	6.67	83	387962	22.811	ug/l	95
31) Cyclohexane	6.97	56	167338	19.480	ug/l	85
32) 1,1,1-Trichloroethane	6.88	97	369197	22.442	ug/l	97
36) 1,1-Dichloropropene	7.15	75	255838	22.792	ug/l	98
37) Ethyl Acetate	6.19	43	108882	21.591	ug/l #	92
38) Carbon Tetrachloride	7.11	117	365425	21.625	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	194255	20.771	ug/l	90
40) Benzene	7.46	78	561900	23.885	ug/l	99
41) Methacrylonitrile	6.45	41	138516	22.963	ug/l #	80
42) 1,2-Dichloroethane	7.59	62	293604	23.549	ug/l	97
43) Isopropyl Acetate	9.25	43	157422	24.438	ug/l #	95
44) Trichloroethene	8.54	130	211439	22.181	ug/l	98
45) 1,2-Dichloropropane	8.95	63	137569	23.007	ug/l	92
46) Dibromomethane	9.06	93	122720	24.683	ug/l	92
47) Bromodichloromethane	9.38	83	297010	23.435	ug/l	97
48) Methyl methacrylate	9.13	41	100246	23.995	ug/l	92
49) 1,4-Dioxane	9.08	88	19652	553.449	ug/l #	79
51) 4-Methyl-2-Pentanone	10.31	43	532914	121.646	ug/l	99
52) Toluene	10.51	92	349646	22.347	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	250962	22.968	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	268269	23.362	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	128632	24.342	ug/l	93
56) Ethyl methacrylate	11.05	69	135612	23.436	ug/l	93
57) 1,3-Dichloropropane	11.42	76	203491	24.441	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.86	63	349515	116.082	ug/l	94
59) 2-Hexanone	11.53	43	373517	118.313	ug/l	100
60) Dibromochloromethane	11.69	129	223898	22.444	ug/l	95
61) 1,2-Dibromoethane	11.81	107	156802	24.047	ug/l	93
64) Tetrachloroethene	11.27	164	185418	23.246	ug/l	97
65) Chlorobenzene	12.40	112	437813	22.734	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	191192	22.539	ug/l	92
67) Ethyl Benzene	12.53	91	793767	24.263	ug/l	99
68) m/p-Xylenes	12.68	106	544603	45.393	ug/l	93
69) o-Xylene	13.05	106	252441	22.913	ug/l	94
70) Styrene	13.08	104	433869	22.206	ug/l	94
71) Bromoform	13.24	173	151582	24.572	ug/l	95
73) Isopropylbenzene	13.40	105	797107	23.161	ug/l	97
74) N-amyl acetate	13.27	43	209035	22.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	142185	24.321	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	158767	24.105	ug/l	97
77) Bromobenzene	13.67	156	228117	23.267	ug/l	98
78) n-propylbenzene	13.78	91	929421	22.693	ug/l	99
79) 2-Chlorotoluene	13.85	91	512860	21.611	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	656937	22.131	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	37777	20.656	ug/l	98
82) 4-Chlorotoluene	13.95	91	642986	23.023	ug/l	84
83) tert-Butylbenzene	14.19	119	725114	21.394	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	675828	22.012	ug/l	98
85) sec-Butylbenzene	14.37	105	739477	20.708	ug/l	97
86) p-Isopropyltoluene	14.50	119	750013	22.006	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	412759	23.773	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	396164	22.564	ug/l	94
89) n-Butylbenzene	14.80	91	642485	21.826	ug/l	98
90) Hexachloroethane	15.01	117	188220	21.197	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	343027	22.676	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25817	21.680	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	262359	21.862	µg/l	98
94) Hexachlorobutadiene	16.04	225	188628	21.690	µg/l	97
95) Naphthalene	16.13	128	390027	22.994	µg/l	97
96) 1,2,3-Trichlorobenzene	16.28	180	215742	22.757	µg/l	95

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

