

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063377.D
 Acq On : 5 Aug 2019 13:39
 Operator : VA/AP
 Sample : VD0805SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0805SBS01

Quant Time: Aug 06 07:48:26 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	7.04	168	1035863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1481696	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1208154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	646419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	581442	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
35) Dibromofluoromethane	6.92	113	644178	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.40	98	1328711	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	13.55	95	600925	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	276738	21.856	ug/l	96
3) Chloromethane	1.74	50	224642	22.835	ug/l	92
4) Vinyl Chloride	1.84	62	216635	21.272	ug/l	96
5) Bromomethane	2.13	94	85348	16.617	ug/l	99
6) Chloroethane	2.25	64	96913	20.611	ug/l #	88
7) Trichlorofluoromethane	2.52	101	427381	21.632	ug/l	100
8) Diethyl Ether	2.86	74	59433	21.494	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.14	101	242668	22.173	ug/l	94
10) Methyl Iodide	3.29	142	289560	18.315	ug/l	96
11) Tert butyl alcohol	4.08	59	51608	102.314	ug/l	94
12) 1,1-Dichloroethene	3.11	96	168736	21.001	ug/l	93
13) Acrolein	3.02	56	36536	75.263	ug/l	94
14) Allyl chloride	3.60	41	273572	21.374	ug/l	92
15) Acrylonitrile	4.19	53	132480	101.306	ug/l	94
16) Acetone	3.22	43	225765	100.812	ug/l	96
17) Carbon Disulfide	3.36	76	580705	21.594	ug/l	97
18) Methyl Acetate	3.63	43	93264	21.681	ug/l	94
19) Methyl tert-butyl Ether	4.23	73	373382	20.573	ug/l	95
20) Methylene Chloride	3.80	84	221265	24.443	ug/l	94
21) trans-1,2-Dichloroethene	4.20	96	193055	21.415	ug/l	93
22) Diisopropyl ether	5.12	45	562534	21.998	ug/l	97
23) Vinyl Acetate	5.05	43	1614724	102.725	ug/l	99
24) 1,1-Dichloroethane	4.97	63	352988	21.611	ug/l	96
25) 2-Butanone	6.06	43	216031	96.121	ug/l	98
26) 2,2-Dichloropropane	6.01	77	358535	21.300	ug/l	98
27) cis-1,2-Dichloroethene	6.02	96	206230	21.337	ug/l	98
28) Bromochloromethane	6.42	49	117633	18.075	ug/l	95
29) Tetrahydrofuran	6.44	42	102963	96.763	ug/l	98
30) Chloroform	6.65	83	440102	21.711	ug/l	98
31) Cyclohexane	6.95	56	215660	21.064	ug/l	92
32) 1,1,1-Trichloroethane	6.86	97	441004	22.492	ug/l	97
36) 1,1-Dichloropropene	7.14	75	294140	21.752	ug/l	96
37) Ethyl Acetate	6.17	43	113362	18.660	ug/l #	91
38) Carbon Tetrachloride	7.10	117	426672	20.959	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	225967	20.057	ug/l	87
40) Benzene	7.45	78	632399	22.314	ug/l	97
41) Methacrylonitrile	6.44	41	142166	19.563	ug/l #	92
42) 1,2-Dichloroethane	7.57	62	300508	20.008	ug/l	98
43) Isopropyl Acetate	9.24	43	148570	19.145	ug/l #	97
44) Trichloroethene	8.53	130	242199	21.090	ug/l	99
45) 1,2-Dichloropropane	8.94	63	150491	20.892	ug/l	99
46) Dibromomethane	9.06	93	121313	20.254	ug/l	93
47) Bromodichloromethane	9.37	83	319773	20.944	ug/l #	91
48) Methyl methacrylate	9.11	41	94750	18.826	ug/l #	85
49) 1,4-Dioxane	9.07	88	19293	450.251	ug/l	97
51) 4-Methyl-2-Pentanone	10.29	43	544347	103.143	ug/l	98
52) Toluene	10.50	92	382459	20.290	ug/l	93
53) t-1,3-Dichloropropene	10.90	75	269014	20.437	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	298274	21.561	ug/l	100
55) 1,1,2-Trichloroethane	11.18	97	132065	20.745	ug/l	96
56) Ethyl methacrylate	11.04	69	130059	18.657	ug/l	97
57) 1,3-Dichloropropane	11.41	76	204320	20.370	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.85	63	386144	106.456	ug/l	94
59) 2-Hexanone	11.52	43	381218	100.234	ug/l	92
60) Dibromochloromethane	11.68	129	247698	20.611	ug/l	96
61) 1,2-Dibromoethane	11.80	107	164885	20.990	ug/l	87
64) Tetrachloroethene	11.25	164	203763	21.170	ug/l	97
65) Chlorobenzene	12.39	112	497527	21.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	224097	21.893	ug/l	97
67) Ethyl Benzene	12.52	91	933491	23.647	ug/l	98
68) m/p-Xylenes	12.67	106	625140	43.181	ug/l	95
69) o-Xylene	13.05	106	270293	20.331	ug/l	98
70) Styrene	13.07	104	493819	20.945	ug/l	97
71) Bromoform	13.23	173	145499	19.546	ug/l #	95
73) Isopropylbenzene	13.40	105	897841	22.130	ug/l	93
74) N-amyl acetate	13.27	43	193159	18.010	ug/l	93
75) 1,1,2,2-Tetrachloroethane	13.70	83	140586	20.400	ug/l	90
76) 1,2,3-Trichloropropane	13.73	75	160027	20.611	ug/l	97
77) Bromobenzene	13.67	156	245335	21.227	ug/l	81
78) n-propylbenzene	13.77	91	1019730	21.121	ug/l	98
79) 2-Chlorotoluene	13.84	91	615349	21.996	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	782314	22.357	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	37968	17.610	ug/l	86
82) 4-Chlorotoluene	13.95	91	718994	21.838	ug/l	98
83) tert-Butylbenzene	14.19	119	878807	21.995	ug/l	86
84) 1,2,4-Trimethylbenzene	14.23	105	746079	20.613	ug/l	97
85) sec-Butylbenzene	14.37	105	885649	21.039	ug/l	100
86) p-Isopropyltoluene	14.49	119	878083	21.855	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	448122	21.894	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	430805	20.815	ug/l	98
89) n-Butylbenzene	14.79	91	772197	22.253	ug/l	96
90) Hexachloroethane	15.01	117	214039	20.447	ug/l	75
91) 1,2-Dichlorobenzene	14.80	146	370811	20.794	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25975	18.504	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	287008	20.288	ug/l	97
94) Hexachlorobutadiene	16.03	225	219150	21.376	ug/l	98
95) Naphthalene	16.12	128	402192	20.114	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	228503	20.446	ug/l	98

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

