

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061891.D
 Acq On : 19 Apr 2019 2:39
 Operator : VA/AP
 Sample : VD0418SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS02

Quant Time: Apr 19 04:05:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	503770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	829916	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	739624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	321539	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	242428	57.42	ug/l	0.00
Spiked Amount			Recovery	=	114.84%	
35) Dibromofluoromethane	6.93	113	328272	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
50) Toluene-d8	10.41	98	775906	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	13.56	95	312689	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	85665	17.422	ug/l	98
3) Chloromethane	1.75	50	84505	21.565	ug/l	91
4) Vinyl Chloride	1.85	62	74595	19.181	ug/l	99
5) Bromomethane	2.15	94	15919	15.769	ug/l #	94
6) Chloroethane	2.25	64	24416	18.403	ug/l	93
7) Trichlorofluoromethane	2.53	101	125533	19.903	ug/l	99
8) Diethyl Ether	2.87	74	35903	21.720	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.15	101	116989	20.802	ug/l	97
10) Methyl Iodide	3.31	142	146205	18.654	ug/l	98
11) Tert butyl alcohol	4.07	59	30003	120.501	ug/l	96
12) 1,1-Dichloroethene	3.13	96	97806	20.686	ug/l	97
13) Acrolein	3.04	56	20989	87.077	ug/l	93
14) Allyl chloride	3.62	41	138511	21.493	ug/l	96
15) Acrylonitrile	4.20	53	87184	111.537	ug/l	96
16) Acetone	3.23	43	96981	93.199	ug/l	94
17) Carbon Disulfide	3.38	76	273924	17.931	ug/l	96
18) Methyl Acetate	3.64	43	50562	24.243	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	190013	21.535	ug/l	93
20) Methylene Chloride	3.82	84	139464	24.636	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	107193	20.630	ug/l	98
22) Diisopropyl ether	5.13	45	300903	21.843	ug/l	96
23) Vinyl Acetate	5.06	43	809380	109.910	ug/l	98
24) 1,1-Dichloroethane	4.99	63	183453	21.965	ug/l	98
25) 2-Butanone	6.07	43	133118	112.367	ug/l	97
26) 2,2-Dichloropropane	6.03	77	132295	18.325	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	118017	20.952	ug/l	94
28) Bromochloromethane	6.45	49	67603	21.309	ug/l	92
29) Tetrahydrofuran	6.47	42	64486	111.747	ug/l	98
30) Chloroform	6.67	83	202951	21.786	ug/l	96
31) Cyclohexane	6.97	56	125136	19.571	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	171997	20.828	ug/l	95
36) 1,1-Dichloropropene	7.16	75	141822	20.912	ug/l	97
37) Ethyl Acetate	6.19	43	64590	22.253	ug/l #	96
38) Carbon Tetrachloride	7.13	117	170717	19.936	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	125550	17.828	ug/l	97
40) Benzene	7.47	78	355338	21.825	ug/l	97
41) Methacrylonitrile	6.46	41	72202	21.046	ug/l #	91
42) 1,2-Dichloroethane	7.59	62	123436	21.768	ug/l	98
43) Isopropyl Acetate	9.24	43	92659	22.685	ug/l	92
44) Trichloroethene	8.54	130	132030	21.065	ug/l	98
45) 1,2-Dichloropropane	8.95	63	90574	21.357	ug/l	100
46) Dibromomethane	9.08	93	64137	21.225	ug/l	93
47) Bromodichloromethane	9.38	83	147697	21.186	ug/l	100
48) Methyl methacrylate	9.13	41	56177	23.398	ug/l	90
49) 1,4-Dioxane	9.09	88	12465	474.989	ug/l	99
51) 4-Methyl-2-Pentanone	10.31	43	289745	115.998	ug/l	99
52) Toluene	10.52	92	216704	20.770	ug/l	96
53) t-1,3-Dichloropropene	10.93	75	124585	19.833	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	154445	20.945	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	74695	21.246	ug/l	97
56) Ethyl methacrylate	11.04	69	82616	21.410	ug/l	99
57) 1,3-Dichloropropane	11.42	76	112164	21.221	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	193241	105.288	ug/l	97
59) 2-Hexanone	11.54	43	207085	111.623	ug/l	98
60) Dibromochloromethane	11.69	129	130132	22.621	ug/l	99
61) 1,2-Dibromoethane	11.81	107	94166	21.783	ug/l	98
64) Tetrachloroethene	11.26	164	108436	19.549	ug/l	97
65) Chlorobenzene	12.40	112	286504	20.800	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	118630	20.551	ug/l	98
67) Ethyl Benzene	12.53	91	453151	20.543	ug/l	99
68) m/p-Xylenes	12.67	106	332867	40.173	ug/l	97
69) o-Xylene	13.05	106	144088	18.501	ug/l	93
70) Styrene	13.08	104	275056	20.523	ug/l	96
71) Bromoform	13.24	173	70118	20.464	ug/l	92
73) Isopropylbenzene	13.41	105	450573	21.607	ug/l	98
74) N-amyl acetate	13.27	43	114765	20.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	90725	22.010	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	92129	21.818	ug/l	99
77) Bromobenzene	13.67	156	122903	20.748	ug/l	89
78) n-propylbenzene	13.78	91	520535	21.606	ug/l	97
79) 2-Chlorotoluene	13.85	91	305234	21.688	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	370721	22.406	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	22200	18.465	ug/l	93
82) 4-Chlorotoluene	13.95	91	347640	21.580	ug/l	90
83) tert-Butylbenzene	14.19	119	402025	20.693	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	351626	21.142	ug/l	100
85) sec-Butylbenzene	14.37	105	378069	18.824	ug/l	99
86) p-Isopropyltoluene	14.50	119	372302	19.812	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	228707	22.116	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	205378	20.091	ug/l	99
89) n-Butylbenzene	14.81	91	345513	20.772	ug/l	95
90) Hexachloroethane	15.01	117	102895	20.089	ug/l	98
91) 1,2-Dichlorobenzene	14.82	146	188538	21.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	13281	26.167	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	100995	21.229	ug/l	96
94) Hexachlorobutadiene	16.05	225	75546	21.912	ug/l	99
95) Naphthalene	16.12	128	175554	24.075	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	68330	25.203	ug/l	98

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

