

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061506.D
 Acq On : 2 Apr 2019 10:53
 Operator : VA/AP
 Sample : VD0401SBSD03
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBSD03

Quant Time: Apr 03 07:25:15 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	7.03	168	763874	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1277375	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1014459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	468207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	331752	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	6.91	113	506420	51.88	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.39	98	1114678	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	13.55	95	481419	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	137023	16.796	ug/l	99
3) Chloromethane	1.77	50	119274	17.927	ug/l	96
4) Vinyl Chloride	1.85	62	109726	17.962	ug/l	99
5) Bromomethane	2.15	94	17926	14.798	ug/l	90
6) Chloroethane	2.26	64	21455	11.977	ug/l	97
7) Trichlorofluoromethane	2.52	101	150025	16.889	ug/l	97
8) Diethyl Ether	2.88	74	49783	17.406	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	173379	18.155	ug/l	95
10) Methyl Iodide	3.30	142	207089	16.741	ug/l	98
11) Tert butyl alcohol	4.07	59	39154	96.349	ug/l	96
12) 1,1-Dichloroethene	3.12	96	147654	18.008	ug/l	99
13) Acrolein	3.04	56	28357	75.601	ug/l	97
14) Allyl chloride	3.62	41	200648	17.545	ug/l	96
15) Acrylonitrile	4.19	53	134994	95.710	ug/l	96
16) Acetone	3.22	43	140336	83.661	ug/l	95
17) Carbon Disulfide	3.37	76	445568	16.726	ug/l	100
18) Methyl Acetate	3.64	43	64988	18.426	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	256877	18.099	ug/l	98
20) Methylene Chloride	3.81	84	154787	15.133	ug/l	99
21) trans-1,2-Dichloroethene	4.21	96	160337	18.113	ug/l	99
22) Diisopropyl ether	5.11	45	440151	18.188	ug/l	96
23) Vinyl Acetate	5.04	43	1194459	90.865	ug/l	98
24) 1,1-Dichloroethane	4.96	63	246777	17.352	ug/l	99
25) 2-Butanone	6.06	43	192302	91.135	ug/l	97
26) 2,2-Dichloropropane	6.01	77	206338	18.251	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	179183	18.475	ug/l	99
28) Bromochloromethane	6.42	49	109332	19.044	ug/l #	97
29) Tetrahydrofuran	6.44	42	91716	89.677	ug/l	99
30) Chloroform	6.65	83	271823	18.497	ug/l	99
31) Cyclohexane	6.94	56	202921	18.055	ug/l	99
32) 1,1,1-Trichloroethane	6.86	97	235645	18.176	ug/l	96
36) 1,1-Dichloropropene	7.14	75	193596	17.365	ug/l	98
37) Ethyl Acetate	6.17	43	88853	18.635	ug/l #	96
38) Carbon Tetrachloride	7.10	117	226693	17.695	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.85	83	218842	18.848	ug/l	98
40) Benzene	7.45	78	506611	18.106	ug/l	99
41) Methacrylonitrile	6.43	41	102737	18.428	ug/l #	97
42) 1,2-Dichloroethane	7.56	62	153531	18.344	ug/l	99
43) Isopropyl Acetate	9.23	43	129712	18.698	ug/l	94
44) Trichloroethene	8.53	130	186839	17.943	ug/l	93
45) 1,2-Dichloropropane	8.92	63	133994	18.886	ug/l	98
46) Dibromomethane	9.05	93	87510	18.325	ug/l	96
47) Bromodichloromethane	9.37	83	212551	19.831	ug/l	97
48) Methyl methacrylate	9.11	41	74665	19.502	ug/l	100
49) 1,4-Dioxane	9.07	88	16335	386.815	ug/l #	84
51) 4-Methyl-2-Pentanone	10.29	43	434423	102.929	ug/l	99
52) Toluene	10.50	92	318762	18.674	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	181266	18.614	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	213253	17.985	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	111563	18.688	ug/l	97
56) Ethyl methacrylate	11.03	69	119194	18.586	ug/l	97
57) 1,3-Dichloropropane	11.39	76	170513	19.433	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.85	63	365074	116.894	ug/l	95
59) 2-Hexanone	11.52	43	304942	99.720	ug/l	99
60) Dibromochloromethane	11.67	129	166688	18.112	ug/l	97
61) 1,2-Dibromoethane	11.80	107	126825	18.347	ug/l	97
64) Tetrachloroethene	11.25	164	144087	18.098	ug/l	98
65) Chlorobenzene	12.39	112	407616	19.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	158886	19.793	ug/l	98
67) Ethyl Benzene	12.52	91	651852	20.599	ug/l	99
68) m/p-Xylenes	12.65	106	464518	38.751	ug/l	94
69) o-Xylene	13.04	106	228068	19.606	ug/l	97
70) Styrene	13.07	104	420360	20.730	ug/l	99
71) Bromoform	13.22	173	97134	19.089	ug/l	100
73) Isopropylbenzene	13.39	105	654242	20.077	ug/l	99
74) N-amyl acetate	13.25	43	176435	19.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	133235	19.382	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	129100	19.088	ug/l	98
77) Bromobenzene	13.66	156	170097	17.607	ug/l	96
78) n-propylbenzene	13.77	91	768666	19.275	ug/l	97
79) 2-Chlorotoluene	13.83	91	380506	17.573	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	498431	19.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	40046	19.419	ug/l	96
82) 4-Chlorotoluene	13.93	91	480211	20.396	ug/l	88
83) tert-Butylbenzene	14.18	119	607059	19.212	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	524982	19.179	ug/l	100
85) sec-Butylbenzene	14.36	105	638343	19.017	ug/l	99
86) p-Isopropyltoluene	14.48	119	543357	19.143	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	302535	18.493	ug/l	99
88) 1,4-Dichlorobenzene	14.52	146	295543	18.525	ug/l	94
89) n-Butylbenzene	14.79	91	468078	17.967	ug/l	99
90) Hexachloroethane	15.00	117	139419	17.386	ug/l	69
91) 1,2-Dichlorobenzene	14.80	146	237161	17.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15072	18.694	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	122160	19.985	ug/l	97
94) Hexachlorobutadiene	16.03	225	82553	17.283	ug/l	97
95) Naphthalene	16.12	128	179743	19.291	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	58917	21.904	ug/l	96

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

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