

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061975.D
 Acq On : 23 Apr 2019 17:39
 Operator : VA/AP
 Sample : VD0423SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBS01

Quant Time: Apr 24 02:09:48 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	7.05	168	527267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	812737	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	680436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	322715	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	198141	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	6.93	113	276959	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	10.41	98	648142	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	13.55	95	259127	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	88761	18.853	ug/l	98
3) Chloromethane	1.74	50	87841	21.952	ug/l	98
4) Vinyl Chloride	1.84	62	75935	20.937	ug/l	99
5) Bromomethane	2.15	94	20263	18.559	ug/l	94
6) Chloroethane	2.24	64	26121	19.924	ug/l	99
7) Trichlorofluoromethane	2.52	101	116803	21.300	ug/l	99
8) Diethyl Ether	2.87	74	33645	22.892	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.14	101	106258	21.035	ug/l	99
10) Methyl Iodide	3.31	142	105042	17.595	ug/l	98
11) Tert butyl alcohol	4.06	59	25916	111.151	ug/l	96
12) 1,1-Dichloroethene	3.12	96	87013	20.246	ug/l	98
13) Acrolein	3.03	56	27778	114.824	ug/l	86
14) Allyl chloride	3.61	41	118235	20.147	ug/l	94
15) Acrylonitrile	4.19	53	77444	107.265	ug/l	97
16) Acetone	3.22	43	97904	99.362	ug/l	95
17) Carbon Disulfide	3.38	76	242496	19.526	ug/l	98
18) Methyl Acetate	3.63	43	43876	23.403	ug/l	94
19) Methyl tert-butyl Ether	4.23	73	183555	21.525	ug/l	99
20) Methylene Chloride	3.81	84	110080	21.106	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	101583	20.604	ug/l	93
22) Diisopropyl ether	5.12	45	272467	19.886	ug/l	97
23) Vinyl Acetate	5.05	43	738294	103.470	ug/l	99
24) 1,1-Dichloroethane	4.98	63	168702	20.371	ug/l	98
25) 2-Butanone	6.07	43	112592	94.248	ug/l	98
26) 2,2-Dichloropropane	6.02	77	139575	19.319	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	106017	18.902	ug/l	93
28) Bromochloromethane	6.44	49	63873	20.158	ug/l	96
29) Tetrahydrofuran	6.46	42	57003	96.840	ug/l	95
30) Chloroform	6.66	83	185605	19.732	ug/l	96
31) Cyclohexane	6.96	56	111512	18.141	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	157720	19.271	ug/l	96
36) 1,1-Dichloropropene	7.15	75	128079	20.227	ug/l	96
37) Ethyl Acetate	6.17	43	56935	21.100	ug/l #	94
38) Carbon Tetrachloride	7.11	117	161277	20.100	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	134852	21.585	ug/l	95
40) Benzene	7.46	78	317810	20.273	ug/l	99
41) Methacrylonitrile	6.44	41	69432	22.053	ug/l #	91
42) 1,2-Dichloroethane	7.58	62	113118	21.252	ug/l	97
43) Isopropyl Acetate	9.24	43	79226	20.095	ug/l	94
44) Trichloroethene	8.54	130	126784	20.861	ug/l	98
45) 1,2-Dichloropropane	8.94	63	78415	19.718	ug/l	98
46) Dibromomethane	9.07	93	59205	20.690	ug/l	91
47) Bromodichloromethane	9.37	83	131029	19.379	ug/l	97
48) Methyl methacrylate	9.12	41	45500	20.227	ug/l	97
49) 1,4-Dioxane	9.09	88	11412	470.554	ug/l	96
51) 4-Methyl-2-Pentanone	10.31	43	261801	108.579	ug/l	99
52) Toluene	10.51	92	197100	19.719	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	128607	22.660	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	137840	19.969	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	72827	21.703	ug/l	96
56) Ethyl methacrylate	11.04	69	80538	21.670	ug/l	97
57) 1,3-Dichloropropane	11.41	76	104189	20.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	199642	115.539	ug/l	99
59) 2-Hexanone	11.54	43	180284	99.675	ug/l	96
60) Dibromochloromethane	11.68	129	120169	21.643	ug/l	98
61) 1,2-Dibromoethane	11.80	107	82380	20.695	ug/l	98
64) Tetrachloroethene	11.26	164	96305	19.841	ug/l	98
65) Chlorobenzene	12.40	112	257551	20.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	114011	20.904	ug/l	100
67) Ethyl Benzene	12.52	91	422022	20.109	ug/l	98
68) m/p-Xylenes	12.67	106	312600	41.213	ug/l	96
69) o-Xylene	13.05	106	146200	21.066	ug/l	98
70) Styrene	13.07	104	254194	21.212	ug/l	99
71) Bromoform	13.24	173	69752	22.433	ug/l #	98
73) Isopropylbenzene	13.41	105	387758	18.012	ug/l	99
74) N-amyl acetate	13.27	43	112395	20.273	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	82983	19.671	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	85089	20.763	ug/l	99
77) Bromobenzene	13.67	156	117735	19.065	ug/l	95
78) n-propylbenzene	13.77	91	481917	19.555	ug/l	99
79) 2-Chlorotoluene	13.84	91	276867	18.548	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	355860	20.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	23707	19.090	ug/l	95
82) 4-Chlorotoluene	13.95	91	338818	20.611	ug/l	96
83) tert-Butylbenzene	14.19	119	391037	19.665	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	360340	21.985	ug/l	99
85) sec-Butylbenzene	14.37	105	413244	19.234	ug/l	97
86) p-Isopropyltoluene	14.49	119	368927	19.186	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	216891	20.056	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	206958	20.463	ug/l	98
89) n-Butylbenzene	14.80	91	356115	20.628	ug/l	96
90) Hexachloroethane	15.01	117	108192	20.808	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	194662	21.821	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12264	21.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	116292	24.161	ug/l	97
94) Hexachlorobutadiene	16.04	225	83341	23.398	ug/l	98
95) Naphthalene	16.12	128	164140	21.121	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	72835	26.670	ug/l	99

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

