

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062031.D
 Acq On : 25 Apr 2019 11:33
 Operator : VA/AP
 Sample : VD0425SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS01

Quant Time: Apr 25 11:57:11 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	557250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	875833	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	804886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	379147	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	241195	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
35) Dibromofluoromethane	6.93	113	352722	58.23	ug/l	0.00
Spiked Amount			Recovery	=	116.46%	
50) Toluene-d8	10.42	98	827755	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	
62) 4-Bromofluorobenzene	13.56	95	324899	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	96573	19.408	ug/l	95
3) Chloromethane	1.76	50	77162	18.246	ug/l	93
4) Vinyl Chloride	1.85	62	77516	20.223	ug/l	98
5) Bromomethane	2.16	94	19812	17.039	ug/l #	80
6) Chloroethane	2.27	64	23779	17.162	ug/l	99
7) Trichlorofluoromethane	2.53	101	131358	22.665	ug/l	93
8) Diethyl Ether	2.88	74	31698	20.407	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.15	101	116619	21.843	ug/l	94
10) Methyl Iodide	3.31	142	130431	19.723	ug/l	94
11) Tert butyl alcohol	4.08	59	27492	111.566	ug/l #	94
12) 1,1-Dichloroethene	3.13	96	95425	21.009	ug/l	97
13) Acrolein	3.05	56	30306	118.533	ug/l	99
14) Allyl chloride	3.63	41	134677	21.714	ug/l	96
15) Acrylonitrile	4.21	53	76011	99.615	ug/l	96
16) Acetone	3.23	43	110711	106.314	ug/l	99
17) Carbon Disulfide	3.38	76	260829	19.872	ug/l	98
18) Methyl Acetate	3.65	43	43792	21.976	ug/l #	86
19) Methyl tert-butyl Ether	4.25	73	176014	19.530	ug/l	96
20) Methylene Chloride	3.82	84	120224	21.924	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	97718	18.753	ug/l	92
22) Diisopropyl ether	5.12	45	287971	19.886	ug/l	92
23) Vinyl Acetate	5.06	43	763530	101.249	ug/l	97
24) 1,1-Dichloroethane	4.99	63	177033	20.227	ug/l	98
25) 2-Butanone	6.08	43	127647	101.101	ug/l	97
26) 2,2-Dichloropropane	6.03	77	159470	20.885	ug/l	95
27) cis-1,2-Dichloroethene	6.05	96	117720	19.859	ug/l	95
28) Bromochloromethane	6.45	49	71136	21.242	ug/l	100
29) Tetrahydrofuran	6.46	42	61232	98.428	ug/l	98
30) Chloroform	6.68	83	204196	20.541	ug/l	97
31) Cyclohexane	6.96	56	132550	20.404	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	176051	20.354	ug/l	96
36) 1,1-Dichloropropene	7.15	75	146743	21.505	ug/l	98
37) Ethyl Acetate	6.19	43	58207	20.017	ug/l #	93
38) Carbon Tetrachloride	7.12	117	186932	21.619	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	138131	20.517	ug/l	95
40) Benzene	7.47	78	337756	19.994	ug/l	99
41) Methacrylonitrile	6.46	41	70019	20.638	ug/l #	90
42) 1,2-Dichloroethane	7.58	62	125848	21.941	ug/l	99
43) Isopropyl Acetate	9.25	43	77984	18.355	ug/l	97
44) Trichloroethene	8.55	130	125485	19.160	ug/l	99
45) 1,2-Dichloropropane	8.94	63	82842	19.330	ug/l	99
46) Dibromomethane	9.07	93	61350	19.895	ug/l	93
47) Bromodichloromethane	9.39	83	155296	21.313	ug/l	100
48) Methyl methacrylate	9.13	41	51793	21.366	ug/l	95
49) 1,4-Dioxane	9.09	88	10490	401.377	ug/l #	80
51) 4-Methyl-2-Pentanone	10.30	43	304116	117.042	ug/l	98
52) Toluene	10.52	92	254539	23.631	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	143179	23.410	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	153337	20.613	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	84438	23.350	ug/l	97
56) Ethyl methacrylate	11.05	69	96678	24.139	ug/l	99
57) 1,3-Dichloropropane	11.41	76	124153	22.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	239561	128.654	ug/l	96
59) 2-Hexanone	11.53	43	212817	109.186	ug/l	96
60) Dibromochloromethane	11.69	129	137861	23.041	ug/l	99
61) 1,2-Dibromoethane	11.81	107	98881	23.051	ug/l	99
64) Tetrachloroethene	11.27	164	114303	19.908	ug/l	97
65) Chlorobenzene	12.41	112	286834	18.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	130352	20.205	ug/l	99
67) Ethyl Benzene	12.53	91	497717	20.049	ug/l	99
68) m/p-Xylenes	12.67	106	364950	40.675	ug/l	97
69) o-Xylene	13.06	106	158053	19.253	ug/l	97
70) Styrene	13.08	104	303165	21.387	ug/l	98
71) Bromoform	13.23	173	69668	18.941	ug/l #	95
73) Isopropylbenzene	13.40	105	469787	18.575	ug/l	99
74) N-amyl acetate	13.26	43	120946	18.568	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	95345	19.237	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	85355	17.728	ug/l	100
77) Bromobenzene	13.68	156	137501	18.952	ug/l	99
78) n-propylbenzene	13.78	91	586473	20.256	ug/l	100
79) 2-Chlorotoluene	13.84	91	335402	19.125	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	386697	19.175	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	29599	20.287	ug/l	98
82) 4-Chlorotoluene	13.95	91	365473	18.923	ug/l	98
83) tert-Butylbenzene	14.19	119	412469	17.656	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	386674	20.081	ug/l	95
85) sec-Butylbenzene	14.37	105	475731	18.846	ug/l	96
86) p-Isopropyltoluene	14.49	119	458656	20.302	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	251269	19.776	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	242903	20.443	ug/l	95
89) n-Butylbenzene	14.80	91	406405	20.037	ug/l	95
90) Hexachloroethane	15.01	117	108293	17.727	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	207128	19.763	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12063	18.242	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	101390	17.930	ug/l	96
94) Hexachlorobutadiene	16.04	225	81063	19.371	ug/l	98
95) Naphthalene	16.13	128	157566	17.257	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	61745	19.244	ug/l	91

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

