

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061536.D
 Acq On : 3 Apr 2019 4:06
 Operator : VA/AP
 Sample : VD0402SBSD03
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402SBSD03

Quant Time: Apr 03 04:55:41 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	7.07	168	619597	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	1094642	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	929257	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	401276	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	270314	51.07	ug/l	0.04
Spiked Amount 50.000			Recovery =	102.14%		
35) Dibromofluoromethane	6.95	113	392809	46.96	ug/l	0.05
Spiked Amount 50.000			Recovery =	93.92%		
50) Toluene-d8	10.42	98	948925	47.30	ug/l	0.04
Spiked Amount 50.000			Recovery =	94.60%		
62) 4-Bromofluorobenzene	13.57	95	372996	48.48	ug/l	0.02
Spiked Amount 50.000			Recovery =	96.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	133254	20.138	ug/l	95
3) Chloromethane	1.77	50	115324	21.370	ug/l	99
4) Vinyl Chloride	1.87	62	101276	20.439	ug/l	99
5) Bromomethane	2.17	94	18870	19.205	ug/l #	90
6) Chloroethane	2.28	64	23649	16.275	ug/l	92
7) Trichlorofluoromethane	2.55	101	153330	21.280	ug/l	99
8) Diethyl Ether	2.89	74	52798	22.759	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.17	101	171429	22.131	ug/l	99
10) Methyl Iodide	3.33	142	213529	20.341	ug/l	98
11) Tert butyl alcohol	4.09	59	38535	116.907	ug/l	99
12) 1,1-Dichloroethene	3.15	96	141954	21.345	ug/l	96
13) Acrolein	3.05	56	21614	69.520	ug/l	92
14) Allyl chloride	3.64	41	209488	22.584	ug/l	98
15) Acrylonitrile	4.21	53	141529	123.708	ug/l	96
16) Acetone	3.24	43	133536	98.144	ug/l	97
17) Carbon Disulfide	3.40	76	409711	18.961	ug/l	100
18) Methyl Acetate	3.66	43	71887	25.129	ug/l	100
19) Methyl tert-butyl Ether	4.26	73	280373	24.355	ug/l	100
20) Methylene Chloride	3.84	84	193664	24.426	ug/l	97
21) trans-1,2-Dichloroethene	4.24	96	164060	22.849	ug/l	99
22) Diisopropyl ether	5.15	45	446840	22.764	ug/l	99
23) Vinyl Acetate	5.08	43	1247253	116.975	ug/l	97
24) 1,1-Dichloroethane	5.01	63	245303	21.264	ug/l	100
25) 2-Butanone	6.08	43	185468	108.364	ug/l	95
26) 2,2-Dichloropropane	6.05	77	192514	20.993	ug/l	100
27) cis-1,2-Dichloroethene	6.06	96	184694	23.478	ug/l	94
28) Bromochloromethane	6.46	49	108351	23.268	ug/l #	98
29) Tetrahydrofuran	6.48	42	106090	127.885	ug/l	97
30) Chloroform	6.68	83	281980	23.656	ug/l	97
31) Cyclohexane	6.97	56	192162	21.079	ug/l	97
32) 1,1,1-Trichloroethane	6.89	97	231630	22.027	ug/l	98
36) 1,1-Dichloropropene	7.17	75	196743	20.593	ug/l	96
37) Ethyl Acetate	6.20	43	97169	23.781	ug/l #	94
38) Carbon Tetrachloride	7.13	117	219988	20.039	ug/l	93

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39) Methylcyclohexane	8.88	83	203662	20.468	ug/l	97
40) Benzene	7.47	78	536455	22.373	ug/l	99
41) Methacrylonitrile	6.47	41	117300	24.553	ug/l #	95
42) 1,2-Dichloroethane	7.60	62	161968	22.583	ug/l	99
43) Isopropyl Acetate	9.25	43	134733	22.664	ug/l	98
44) Trichloroethene	8.55	130	189654	21.254	ug/l	99
45) 1,2-Dichloropropane	8.95	63	130431	21.453	ug/l	99
46) Dibromomethane	9.08	93	95860	23.425	ug/l	93
47) Bromodichloromethane	9.39	83	193733	21.093	ug/l	98
48) Methyl methacrylate	9.14	41	77380	23.585	ug/l	96
49) 1,4-Dioxane	9.10	88	18418	508.947	ug/l	90
51) 4-Methyl-2-Pentanone	10.32	43	424826	117.458	ug/l	98
52) Toluene	10.52	92	334030	22.835	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	188314	22.566	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	216369	21.293	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	114051	22.294	ug/l	95
56) Ethyl methacrylate	11.06	69	121139	22.043	ug/l	98
57) 1,3-Dichloropropane	11.42	76	177493	23.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	301538	112.667	ug/l	99
59) 2-Hexanone	11.54	43	282671	107.869	ug/l	100
60) Dibromochloromethane	11.69	129	173530	22.004	ug/l	99
61) 1,2-Dibromoethane	11.81	107	139779	23.596	ug/l	100
64) Tetrachloroethene	11.27	164	155667	21.345	ug/l	97
65) Chlorobenzene	12.40	112	432731	22.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	164129	22.321	ug/l	98
67) Ethyl Benzene	12.53	91	683220	23.570	ug/l	96
68) m/p-Xylenes	12.68	106	479875	43.703	ug/l	97
69) o-Xylene	13.05	106	221048	20.745	ug/l	96
70) Styrene	13.08	104	408205	21.976	ug/l	99
71) Bromoform	13.24	173	95089	20.400	ug/l	99
73) Isopropylbenzene	13.41	105	637773	22.836	ug/l	98
74) N-amyl acetate	13.27	43	183312	23.562	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	122308	20.760	ug/l	96
76) 1,2,3-Trichloropropane	13.74	75	124356	21.454	ug/l	100
77) Bromobenzene	13.67	156	168249	20.321	ug/l	95
78) n-propylbenzene	13.78	91	735395	21.517	ug/l	98
79) 2-Chlorotoluene	13.85	91	424744	22.888	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	520009	23.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	32519	18.400	ug/l	94
82) 4-Chlorotoluene	13.95	91	478001	23.689	ug/l	90
83) tert-Butylbenzene	14.20	119	593050	21.899	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	521497	22.229	ug/l	96
85) sec-Butylbenzene	14.37	105	583967	20.299	ug/l	99
86) p-Isopropyltoluene	14.49	119	571468	23.491	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	296664	21.159	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	275172	20.125	ug/l	96
89) n-Butylbenzene	14.81	91	465185	20.834	ug/l	98
90) Hexachloroethane	15.01	117	147586	21.475	ug/l	82
91) 1,2-Dichlorobenzene	14.82	146	256191	22.277	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	13951	20.190	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	111880	21.356	ug/l	99
94) Hexachlorobutadiene	16.05	225	87114	21.280	ug/l	98
95) Naphthalene	16.12	128	181412	22.718	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	51285	22.246	ug/l	99

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

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