

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061303.D
 Acq On : 25 Mar 2019 15:48
 Operator : VA/AP
 Sample : VD0325SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBS01

Quant Time: Mar 26 04:27:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	707708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1206307	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	959123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	445747	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	328791	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
35) Dibromofluoromethane	6.93	113	501025	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
50) Toluene-d8	10.42	98	1120492	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	13.56	95	464645	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	148676	20.548	ug/l	97
3) Chloromethane	1.77	50	130095	23.048	ug/l	99
4) Vinyl Chloride	1.86	62	114609	21.716	ug/l	100
5) Bromomethane	2.16	94	21117	19.714	ug/l	98
6) Chloroethane	2.27	64	32876	19.801	ug/l	94
7) Trichlorofluoromethane	2.53	101	141979	18.200	ug/l	99
8) Diethyl Ether	2.89	74	52768	22.749	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.16	101	171468	21.595	ug/l	94
10) Methyl Iodide	3.32	142	191045	17.222	ug/l	96
11) Tert butyl alcohol	4.08	59	35326	108.684	ug/l	99
12) 1,1-Dichloroethene	3.13	96	150530	22.032	ug/l	98
13) Acrolein	3.05	56	40570	114.031	ug/l	96
14) Allyl chloride	3.63	41	218456	22.539	ug/l	99
15) Acrylonitrile	4.21	53	127582	111.612	ug/l	97
16) Acetone	3.23	43	135494	92.773	ug/l	95
17) Carbon Disulfide	3.39	76	509467	22.452	ug/l	99
18) Methyl Acetate	3.65	43	61794	22.384	ug/l	99
19) Methyl tert-butyl Ether	4.25	73	263462	21.896	ug/l	99
20) Methylene Chloride	3.83	84	165030	19.909	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	170261	22.275	ug/l	93
22) Diisopropyl ether	5.13	45	454873	22.278	ug/l	100
23) Vinyl Acetate	5.06	43	1191989	109.307	ug/l	100
24) 1,1-Dichloroethane	4.99	63	270257	22.714	ug/l	99
25) 2-Butanone	6.08	43	182461	108.012	ug/l	96
26) 2,2-Dichloropropane	6.04	77	214854	21.266	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	181193	22.028	ug/l	98
28) Bromochloromethane	6.45	49	110324	22.153	ug/l	100
29) Tetrahydrofuran	6.46	42	95459	113.529	ug/l	98
30) Chloroform	6.67	83	266350	21.007	ug/l	96
31) Cyclohexane	6.96	56	223848	23.180	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	239554	21.333	ug/l	97
36) 1,1-Dichloropropene	7.15	75	216775	21.964	ug/l	99
37) Ethyl Acetate	6.19	43	93316	22.637	ug/l	97
38) Carbon Tetrachloride	7.12	117	227834	20.198	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	225469	22.058	ug/l	97
40) Benzene	7.47	78	548996	22.397	ug/l	98
41) Methacrylonitrile	6.45	41	102300	21.355	ug/l	91
42) 1,2-Dichloroethane	7.58	62	157476	20.614	ug/l	98
43) Isopropyl Acetate	9.25	43	126055	21.207	ug/l #	98
44) Trichloroethene	8.55	130	198578	22.401	ug/l	100
45) 1,2-Dichloropropane	8.94	63	134062	22.160	ug/l	99
46) Dibromomethane	9.07	93	85350	20.582	ug/l	94
47) Bromodichloromethane	9.38	83	201793	20.762	ug/l	99
48) Methyl methacrylate	9.13	41	73663	23.219	ug/l	94
49) 1,4-Dioxane	9.08	88	15862	455.695	ug/l	94
51) 4-Methyl-2-Pentanone	10.30	43	381656	107.862	ug/l	97
52) Toluene	10.51	92	309154	20.613	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	183761	21.755	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	228734	22.176	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	109009	21.892	ug/l	99
56) Ethyl methacrylate	11.05	69	120164	22.616	ug/l	97
57) 1,3-Dichloropropane	11.41	76	164513	21.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	308112	111.465	ug/l	94
59) 2-Hexanone	11.53	43	294641	114.651	ug/l	97
60) Dibromochloromethane	11.69	129	160664	20.601	ug/l	98
61) 1,2-Dibromoethane	11.81	107	132366	22.752	ug/l	97
64) Tetrachloroethene	11.27	164	148210	22.432	ug/l	97
65) Chlorobenzene	12.40	112	380319	21.528	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	150124	21.918	ug/l	97
67) Ethyl Benzene	12.53	91	615470	22.765	ug/l	98
68) m/p-Xylenes	12.67	106	494868	46.891	ug/l	95
69) o-Xylene	13.05	106	214842	21.949	ug/l	91
70) Styrene	13.08	104	367616	22.130	ug/l	98
71) Bromoform	13.23	173	89838	21.434	ug/l #	95
73) Isopropylbenzene	13.40	105	636797	21.964	ug/l	98
74) N-amyl acetate	13.26	43	147515	19.448	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	120934	21.510	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	102637	18.515	ug/l	97
77) Bromobenzene	13.68	156	177911	21.969	ug/l	89
78) n-propylbenzene	13.78	91	683453	20.895	ug/l	98
79) 2-Chlorotoluene	13.84	91	416169	21.852	ug/l	95
80) 1,3,5-Trimethylbenzene	14.24	105	531332	23.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	36157	20.668	ug/l	96
82) 4-Chlorotoluene	13.95	91	437221	21.000	ug/l	93
83) tert-Butylbenzene	14.19	119	585504	22.421	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	531332	23.231	ug/l	99
85) sec-Butylbenzene	14.37	105	587605	20.205	ug/l	95
86) p-Isopropyltoluene	14.49	119	516995	19.926	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	286505	19.959	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	293076	21.077	ug/l	97
89) n-Butylbenzene	14.80	91	502845	21.829	ug/l	98
90) Hexachloroethane	15.01	117	152414	21.909	ug/l	82
91) 1,2-Dichlorobenzene	14.81	146	257788	22.506	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14351	20.427	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	109028	20.611	ug/l	97
94) Hexachlorobutadiene	16.04	225	89493	20.996	ug/l	97
95) Naphthalene	16.13	128	176061	22.810	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	53959	21.839	ug/l	97

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

