

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062910.D
 Acq On : 26 Jun 2019 11:54
 Operator : VA/AP
 Sample : VD0626SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

Quant Time: Jun 27 09:01:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	956049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1370831	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1106939	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	637843	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	494655	47.60	ug/l	-0.01
Spiked Amount			Recovery	=	95.20%	
35) Dibromofluoromethane	6.93	113	539281	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	10.41	98	1243160	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	13.55	95	512045	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	278492	22.511	ug/l	95
3) Chloromethane	1.76	50	186433	20.037	ug/l	90
4) Vinyl Chloride	1.85	62	188566	20.441	ug/l	97
5) Bromomethane	2.15	94	62555	14.479	ug/l	89
6) Chloroethane	2.25	64	78590	18.817	ug/l	98
7) Trichlorofluoromethane	2.53	101	383022	20.516	ug/l	95
8) Diethyl Ether	2.87	74	55464	23.381	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	221597	21.909	ug/l	90
10) Methyl Iodide	3.30	142	240127	17.995	ug/l	97
11) Tert butyl alcohol	4.10	59	46784	98.845	ug/l	99
12) 1,1-Dichloroethene	3.12	96	152903	20.152	ug/l	95
13) Acrolein	3.04	56	41514	85.917	ug/l	94
14) Allyl chloride	3.61	41	248582	22.172	ug/l	98
15) Acrylonitrile	4.20	53	131557	118.292	ug/l	86
16) Acetone	3.23	43	220906	100.643	ug/l	98
17) Carbon Disulfide	3.36	76	502465	20.721	ug/l	97
18) Methyl Acetate	3.65	43	92030	29.336	ug/l	94
19) Methyl tert-butyl Ether	4.25	73	373924	22.765	ug/l	98
20) Methylene Chloride	3.81	84	180656	22.794	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	178966	22.152	ug/l	89
22) Diisopropyl ether	5.13	45	486725	21.348	ug/l	96
23) Vinyl Acetate	5.06	43	1534885	107.583	ug/l	99
24) 1,1-Dichloroethane	4.98	63	311255	20.968	ug/l #	95
25) 2-Butanone	6.08	43	224512	115.511	ug/l #	78
26) 2,2-Dichloropropane	6.02	77	320934	20.397	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	172995	20.249	ug/l	93
28) Bromochloromethane	6.44	49	123779	23.675	ug/l	87
29) Tetrahydrofuran	6.46	42	107574	116.978	ug/l	98
30) Chloroform	6.66	83	372205	20.617	ug/l	91
31) Cyclohexane	6.96	56	220505	22.595	ug/l #	92
32) 1,1,1-Trichloroethane	6.87	97	378818	20.146	ug/l	97
36) 1,1-Dichloropropene	7.14	75	248775	19.171	ug/l	97
37) Ethyl Acetate	6.19	43	112320	19.943	ug/l	98
38) Carbon Tetrachloride	7.11	117	366405	18.774	ug/l	97

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39) Methylcyclohexane	8.86	83	224297	19.636	ug/l	99
40) Benzene	7.45	78	507106	19.468	ug/l	99
41) Methacrylonitrile	6.45	41	154039	22.509	ug/l #	92
42) 1,2-Dichloroethane	7.58	62	288670	20.314	ug/l	99
43) Isopropyl Acetate	9.24	43	157888	23.208	ug/l #	98
44) Trichloroethene	8.54	130	202691	19.848	ug/l	90
45) 1,2-Dichloropropane	8.94	63	126700	19.561	ug/l	100
46) Dibromomethane	9.06	93	115801	20.813	ug/l	95
47) Bromodichloromethane	9.37	83	280145	19.387	ug/l	96
48) Methyl methacrylate	9.12	41	97034	20.071	ug/l	94
49) 1,4-Dioxane	9.09	88	18561	461.457	ug/l	90
51) 4-Methyl-2-Pentanone	10.30	43	507355	105.184	ug/l	98
52) Toluene	10.51	92	353056	20.163	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	237340	20.067	ug/l	89
54) cis-1,3-Dichloropropene	10.04	75	254421	19.791	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	122871	20.425	ug/l	95
56) Ethyl methacrylate	11.04	69	126542	19.683	ug/l	94
57) 1,3-Dichloropropane	11.41	76	183147	19.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	331369	100.399	ug/l	99
59) 2-Hexanone	11.53	43	390682	113.727	ug/l	99
60) Dibromochloromethane	11.68	129	223273	19.926	ug/l	88
61) 1,2-Dibromoethane	11.80	107	153743	21.639	ug/l	96
64) Tetrachloroethene	11.26	164	183545	20.147	ug/l	95
65) Chlorobenzene	12.40	112	431608	21.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	196625	20.466	ug/l	90
67) Ethyl Benzene	12.52	91	778437	21.105	ug/l	99
68) m/p-Xylenes	12.67	106	542616	42.239	ug/l	94
69) o-Xylene	13.05	106	249084	21.210	ug/l	97
70) Styrene	13.07	104	445271	21.587	ug/l	96
71) Bromoform	13.23	173	143822	21.849	ug/l #	94
73) Isopropylbenzene	13.40	105	821272	20.081	ug/l	95
74) N-amyl acetate	13.27	43	212165	21.362	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	137404	20.620	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	148956	20.229	ug/l	90
77) Bromobenzene	13.67	156	216641	19.694	ug/l	91
78) n-propylbenzene	13.77	91	927589	19.487	ug/l	96
79) 2-Chlorotoluene	13.84	91	539692	19.840	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	720033	20.960	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	37364	19.361	ug/l	92
82) 4-Chlorotoluene	13.95	91	654605	19.988	ug/l	98
83) tert-Butylbenzene	14.18	119	761387	19.884	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	709208	20.143	ug/l	95
85) sec-Butylbenzene	14.36	105	802404	19.281	ug/l	94
86) p-Isopropyltoluene	14.49	119	789724	20.742	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	392422	19.901	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	392962	19.841	ug/l	96
89) n-Butylbenzene	14.79	91	702903	19.725	ug/l	96
90) Hexachloroethane	15.01	117	190667	18.626	ug/l	90
91) 1,2-Dichlorobenzene	14.80	146	342047	20.274	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	26364	20.271	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	240809	18.272	ug/l	96
94) Hexachlorobutadiene	16.03	225	191991	19.069	ug/l	97
95) Naphthalene	16.12	128	386318	20.914	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	200538	19.805	ug/l	98

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

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