

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066496.D
 Acq On : 01 Sep 2020 15:16
 Operator : VA/SY
 Sample : VD0901SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0901SBS01

Quant Time: Sep 02 01:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	212934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	195339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	106380	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	88996	57.73	ug/l	0.00
Spiked Amount			Recovery	=	115.46%	
35) Dibromofluoromethane	7.91	113	67600	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	254817	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.63	95	92353	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	29463	22.041	ug/l	96
3) Chloromethane	2.21	50	16503	17.417	ug/l #	88
4) Vinyl Chloride	2.35	62	19675	19.340	ug/l	96
5) Bromomethane	2.76	94	16708	21.957	ug/l	91
6) Chloroethane	2.92	64	13544	20.792	ug/l #	86
7) Trichlorofluoromethane	3.27	101	62763	22.688	ug/l	99
8) Diethyl Ether	3.71	74	12274	19.803	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	4.09	101	26482	19.398	ug/l	97
10) Methyl Iodide	4.30	142	24798	15.926	ug/l	88
11) Tert butyl alcohol	5.20	59	14243	142.267	ug/l #	80
12) 1,1-Dichloroethene	4.07	96	23916	18.662	ug/l	94
13) Acrolein	3.93	56	3582	52.328	ug/l	86
14) Allyl chloride	4.71	41	28113	16.436	ug/l #	81
15) Acrylonitrile	5.41	53	20696	83.222	ug/l	99
16) Acetone	4.16	43	25524	91.843	ug/l	97
17) Carbon Disulfide	4.40	76	64330	16.564	ug/l	98
18) Methyl Acetate	4.71	43	8692	16.664	ug/l #	86
19) Methyl tert-butyl Ether	5.47	73	61645	19.977	ug/l	96
20) Methylene Chloride	4.96	84	31838	17.297	ug/l #	93
21) trans-1,2-Dichloroethene	5.47	96	27187	18.225	ug/l	93
22) Diisopropyl ether	6.36	45	55511	16.762	ug/l	96
23) Vinyl Acetate	6.30	43	171103	83.459	ug/l	94
24) 1,1-Dichloroethane	6.26	63	43851	18.737	ug/l	97
25) 2-Butanone	7.21	43	25621	81.209	ug/l	98
26) 2,2-Dichloropropane	7.20	77	55436	22.101	ug/l	97
27) cis-1,2-Dichloroethene	7.20	96	30583	19.134	ug/l	98
28) Bromochloromethane	7.54	49	13036	16.171	ug/l	81
29) Tetrahydrofuran	7.56	42	14656	81.787	ug/l	90
30) Chloroform	7.70	83	55584	20.528	ug/l	93
31) Cyclohexane	7.98	56	34972	16.339	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	61525	22.201	ug/l	97
36) 1,1-Dichloropropene	8.11	75	37623	19.365	ug/l	98
37) Ethyl Acetate	7.29	43	11946	18.078	ug/l #	64
38) Carbon Tetrachloride	8.09	117	59658	23.568	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42227	18.450	ug/l	92
40) Benzene	8.34	78	98794	19.329	ug/l	95
41) Methacrylonitrile	7.52	41	6581m	16.149	ug/l	
42) 1,2-Dichloroethane	8.42	62	42605	23.667	ug/l	99
43) Isopropyl Acetate	8.45	43	24780	18.683	ug/l	98
44) Trichloroethene	9.11	130	34291	20.647	ug/l	97
45) 1,2-Dichloropropane	9.38	63	20668	17.837	ug/l	97
46) Dibromomethane	9.47	93	14731	20.419	ug/l	97
47) Bromodichloromethane	9.66	83	42270	21.305	ug/l #	96
48) Methyl methacrylate	9.45	41	12440	18.189	ug/l #	86
49) 1,4-Dioxane	9.45	88	3241	386.888	ug/l #	84
51) 4-Methyl-2-Pentanone	10.23	43	58478	91.140	ug/l	98
52) Toluene	10.40	92	70632	20.398	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	40213	21.361	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	41453	19.617	ug/l	90
55) 1,1,2-Trichloroethane	10.80	97	20004	20.482	ug/l #	89
56) Ethyl methacrylate	10.66	69	21877	19.350	ug/l #	87
57) 1,3-Dichloropropane	10.94	76	31768	19.664	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	43033	91.643	ug/l	88
59) 2-Hexanone	10.98	43	42810	94.591	ug/l	100
60) Dibromochloromethane	11.14	129	31142	21.154	ug/l	99
61) 1,2-Dibromoethane	11.24	107	18637	19.390	ug/l	96
64) Tetrachloroethene	10.87	164	30813	20.794	ug/l	95
65) Chlorobenzene	11.67	112	79957	20.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	33159	20.878	ug/l	95
67) Ethyl Benzene	11.74	91	141945	20.750	ug/l	95
68) m/p-Xylenes	11.85	106	110070	42.214	ug/l	95
69) o-Xylene	12.18	106	51024	21.035	ug/l	99
70) Styrene	12.20	104	88880	21.340	ug/l	98
71) Bromoform	12.36	173	18990	21.075	ug/l #	100
73) Isopropylbenzene	12.48	105	151966	21.325	ug/l	98
74) N-amyl acetate	12.28	43	22963	17.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	17771	17.456	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	15794m	21.104	ug/l	
77) Bromobenzene	12.76	156	37205	20.569	ug/l	96
78) n-propylbenzene	12.82	91	163096	19.960	ug/l	96
79) 2-Chlorotoluene	12.91	91	92234	19.764	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	129228	21.003	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	6214	17.625	ug/l #	77
82) 4-Chlorotoluene	13.01	91	102191	20.668	ug/l	98
83) tert-Butylbenzene	13.23	119	111836	20.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	127706	21.131	ug/l	100
85) sec-Butylbenzene	13.40	105	143166	20.446	ug/l	100
86) p-Isopropyltoluene	13.52	119	143389	21.237	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	69213	20.499	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	71266	21.022	ug/l	99
89) n-Butylbenzene	13.84	91	116352	19.528	ug/l	97
90) Hexachloroethane	14.12	117	26962	20.215	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	60540	20.829	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	4843	22.682	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	47929	21.122	ug/l	99
94) Hexachlorobutadiene	15.27	225	31815	22.562	ug/l	97
95) Naphthalene	15.41	128	72488	20.339	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	41454	21.326	ug/l	99

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

