

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066493.D
 Acq On : 01 Sep 2020 13:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 01:14:22 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	7.97	168	160167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	216203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	195910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	106058	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	87849	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	7.91	113	69417	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.34	98	262209	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.63	95	92170	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	68375	50.214	ug/l	99
3) Chloromethane	2.21	50	40893	42.368	ug/l	99
4) Vinyl Chloride	2.35	62	53462	51.589	ug/l	98
5) Bromomethane	2.76	94	41772	53.891	ug/l	92
6) Chloroethane	2.91	64	33787	50.917	ug/l	95
7) Trichlorofluoromethane	3.27	101	166431	59.061	ug/l	94
8) Diethyl Ether	3.70	74	32250	51.078	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.09	101	72779	52.333	ug/l	97
10) Methyl Iodide	4.30	142	78693	49.613	ug/l	94
11) Tert butyl alcohol	5.21	59	27104	312.002	ug/l #	78
12) 1,1-Dichloroethene	4.07	96	64983	49.780	ug/l	96
13) Acrolein	3.92	56	9769	140.098	ug/l	95
14) Allyl chloride	4.71	41	73982	42.460	ug/l #	77
15) Acrylonitrile	5.42	53	57845	228.342	ug/l	98
16) Acetone	4.16	43	78735	278.122	ug/l #	88
17) Carbon Disulfide	4.40	76	171661	43.391	ug/l	99
18) Methyl Acetate	4.71	43	24143	45.439	ug/l #	85
19) Methyl tert-butyl Ether	5.48	73	172783	54.968	ug/l	99
20) Methylene Chloride	4.96	84	77312	51.266	ug/l #	91
21) trans-1,2-Dichloroethene	5.47	96	76128	50.098	ug/l	97
22) Diisopropyl ether	6.36	45	146452	43.413	ug/l #	92
23) Vinyl Acetate	6.31	43	484132	231.819	ug/l #	93
24) 1,1-Dichloroethane	6.26	63	113942	47.795	ug/l	98
25) 2-Butanone	7.21	43	75331	234.397	ug/l	95
26) 2,2-Dichloropropane	7.21	77	151091	59.132	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	82369	50.588	ug/l	98
28) Bromochloromethane	7.54	49	33789	41.147	ug/l	83
29) Tetrahydrofuran	7.56	42	39050	213.924	ug/l	88
30) Chloroform	7.71	83	152166	55.168	ug/l	98
31) Cyclohexane	7.98	56	88743	40.702	ug/l	88
32) 1,1,1-Trichloroethane	7.90	97	169073	59.892	ug/l	99
36) 1,1-Dichloropropene	8.11	75	105950	53.708	ug/l	99
37) Ethyl Acetate	7.29	43	30846	45.974	ug/l #	91
38) Carbon Tetrachloride	8.09	117	164458	63.988	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	124757	53.686	ug/l	93
40) Benzene	8.34	78	269840	51.996	ug/l	95
41) Methacrylonitrile	7.52	41	21649m	52.322	ug/l	
42) 1,2-Dichloroethane	8.42	62	114087	62.418	ug/l	99
43) Isopropyl Acetate	8.44	43	65647	48.747	ug/l #	57
44) Trichloroethene	9.11	130	92641	54.938	ug/l	93
45) 1,2-Dichloropropane	9.38	63	53604	45.562	ug/l	98
46) Dibromomethane	9.47	93	38855	53.043	ug/l	95
47) Bromodichloromethane	9.66	83	118411	58.780	ug/l	97
48) Methyl methacrylate	9.46	41	34468	49.634	ug/l #	90
49) 1,4-Dioxane	9.46	88	9239	1086.212	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	157560	241.851	ug/l	99
52) Toluene	10.40	92	192839	54.847	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	108142	56.575	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	114158	53.207	ug/l #	87
55) 1,1,2-Trichloroethane	10.80	97	50162	50.584	ug/l	92
56) Ethyl methacrylate	10.66	69	59895	52.175	ug/l #	90
57) 1,3-Dichloropropane	10.94	76	82799	50.478	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	104739	219.679	ug/l	89
59) 2-Hexanone	10.98	43	116850	254.282	ug/l	99
60) Dibromochloromethane	11.14	129	85166	56.976	ug/l	96
61) 1,2-Dibromoethane	11.24	107	51082	52.344	ug/l	94
64) Tetrachloroethene	10.87	164	85515	57.541	ug/l	96
65) Chlorobenzene	11.67	112	215634	55.324	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	92750	58.229	ug/l	95
67) Ethyl Benzene	11.74	91	392003	57.136	ug/l	94
68) m/p-Xylenes	11.86	106	295834	113.128	ug/l	94
69) o-Xylene	12.18	106	136240	56.003	ug/l	99
70) Styrene	12.19	104	236873	56.707	ug/l	97
71) Bromoform	12.36	173	50583	55.974	ug/l #	99
73) Isopropylbenzene	12.48	105	402319	56.627	ug/l	98
74) N-amyl acetate	12.29	43	60723	47.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	45406	44.738	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	42445m	56.887	ug/l	
77) Bromobenzene	12.76	156	95734	53.089	ug/l	95
78) n-propylbenzene	12.82	91	435306	53.436	ug/l	96
79) 2-Chlorotoluene	12.91	91	249311	53.584	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	351401	57.284	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	17733	50.449	ug/l #	80
82) 4-Chlorotoluene	13.01	91	267250	54.216	ug/l	97
83) tert-Butylbenzene	13.23	119	301224	56.534	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	345283	57.307	ug/l	99
85) sec-Butylbenzene	13.40	105	393212	56.326	ug/l	98
86) p-Isopropyltoluene	13.52	119	386888	57.475	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	185997	55.255	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	185026	54.744	ug/l	99
89) n-Butylbenzene	13.84	91	325638	54.820	ug/l	98
90) Hexachloroethane	14.11	117	69291	52.109	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	159457	55.027	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12480	58.628	ug/l	84

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	127668	56.434	ug/l	98
94) Hexachlorobutadiene	15.27	225	82385	58.601	ug/l	99
95) Naphthalene	15.41	128	206275	58.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	109124	56.309	ug/l	96

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

