

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
 Data File : VD070273.D
 Acq On : 31 Aug 2021 12:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:42:20 PM

Quant Time: Sep 01 03:57:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	492965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	875800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	820523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	375703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277270	47.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.640%
35) Dibromofluoromethane	7.908	113	280059	49.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.332	98	1111637	50.512	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.620	95	375665	51.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	210039	43.599	ug/l	97
3) Chloromethane	2.209	50	305317	44.154	ug/l	99
4) Vinyl Chloride	2.344	62	371979	44.586	ug/l	97
5) Bromomethane	2.750	94	226833	49.516	ug/l	90
6) Chloroethane	2.915	64	214894	40.319	ug/l	98
7) Trichlorofluoromethane	3.268	101	490849	48.985	ug/l	100
8) Diethyl Ether	3.703	74	141371	49.298	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	299944	47.051	ug/l	98
10) Methyl Iodide	4.297	142	265911	45.621	ug/l	99
11) Tert butyl alcohol	5.209	59	181353	565.891	ug/l #	80
12) 1,1-Dichloroethene	4.062	96	271937	46.432	ug/l	98
13) Acrolein	3.920	56	81008	219.448	ug/l	99
14) Allyl chloride	4.709	41	444576	50.874	ug/l	98
15) Acrylonitrile	5.420	53	347825	261.580	ug/l	100
16) Acetone	4.150	43	357023	334.261	ug/l	98
17) Carbon Disulfide	4.403	76	865259	40.863	ug/l	97
18) Methyl Acetate	4.709	43	164976	51.806	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	629675	51.804	ug/l	99
20) Methylene Chloride	4.962	84	354225	48.400	ug/l	97
21) trans-1,2-Dichloroethene	5.462	96	314996	46.303	ug/l	94
22) Diisopropyl ether	6.362	45	987635	53.737	ug/l	96
23) Vinyl Acetate	6.303	43	2374098	285.028	ug/l	99
24) 1,1-Dichloroethane	6.261	63	610015	48.511	ug/l	99
25) 2-Butanone	7.209	43	434894	297.978	ug/l	94
26) 2,2-Dichloropropane	7.203	77	516645	52.768	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	354893	49.123	ug/l	97
28) Bromochloromethane	7.544	49	224163	48.987	ug/l	95
29) Tetrahydrofuran	7.561	42	262631	274.811	ug/l	97
30) Chloroform	7.703	83	594623	48.083	ug/l	99
31) Cyclohexane	7.979	56	533112	46.454	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	509285	49.281	ug/l	98
36) 1,1-Dichloropropene	8.108	75	463897	49.237	ug/l	100
37) Ethyl Acetate	7.291	43	190539	55.677	ug/l	99
38) Carbon Tetrachloride	8.091	117	435970	50.969	ug/l	90
39) Methylcyclohexane	9.350	83	545984	49.772	ug/l	97
40) Benzene	8.350	78	1343343	49.157	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	88533	47.850	ug/l	94
42) 1,2-Dichloroethane	8.420	62	346899	49.531	ug/l	99
43) Isopropyl Acetate	8.450	43	345216	54.033	ug/l	98
44) Trichloroethene	9.108	130	321604	48.716	ug/l	99
45) 1,2-Dichloropropane	9.379	63	353150	49.751	ug/l	95
46) Dibromomethane	9.473	93	170488	49.449	ug/l	96
47) Bromodichloromethane	9.655	83	443023	49.666	ug/l	98
48) Methyl methacrylate	9.450	41	169321	55.574	ug/l	97
49) 1,4-Dioxane	9.455	88	39681	1057.574	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	948270	285.444	ug/l	99
52) Toluene	10.397	92	825713	49.642	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	415455	52.582	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	497910	51.920	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	242536	49.649	ug/l	96
56) Ethyl methacrylate	10.655	69	305728	54.996	ug/l	99
57) 1,3-Dichloropropane	10.938	76	431970	51.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	882565	301.011	ug/l	99
59) 2-Hexanone	10.979	43	681565	306.347	ug/l	99
60) Dibromochloromethane	11.132	129	272443	48.685	ug/l	98
61) 1,2-Dibromoethane	11.238	107	221781	50.149	ug/l	99
64) Tetrachloroethene	10.873	164	240827	45.496	ug/l	98
65) Chlorobenzene	11.661	112	837418	48.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	300098	49.292	ug/l	99
67) Ethyl Benzene	11.738	91	1570064	51.798	ug/l	99
68) m/p-Xylenes	11.844	106	1199486	102.113	ug/l	99
69) o-Xylene	12.173	106	546532	51.565	ug/l	100
70) Styrene	12.185	104	961819	51.813	ug/l	99
71) Bromoform	12.355	173	146362	49.343	ug/l #	99
73) Isopropylbenzene	12.473	105	1474255	53.810	ug/l	98
74) N-amyl acetate	12.279	43	333425	56.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	284656	52.072	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	219014m	57.482	ug/l	
77) Bromobenzene	12.749	156	301104	49.516	ug/l	97
78) n-propylbenzene	12.814	91	1911686	54.105	ug/l	99
79) 2-Chlorotoluene	12.896	91	1055176	51.907	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1243861	53.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	85752	58.418	ug/l	97
82) 4-Chlorotoluene	12.996	91	1100742	51.713	ug/l	99
83) tert-Butylbenzene	13.214	119	1031739	54.422	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1229913	53.158	ug/l	99
85) sec-Butylbenzene	13.391	105	1651160	54.360	ug/l	98
86) p-Isopropyltoluene	13.502	119	1328004	54.117	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	637413	49.335	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	624472	48.798	ug/l	98
89) n-Butylbenzene	13.832	91	1331688	55.301	ug/l	99
90) Hexachloroethane	14.102	117	257736	49.771	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	545106	49.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	41515	50.842	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	311575	50.608	ug/l	100
94) Hexachlorobutadiene	15.255	225	181720	49.967	ug/l	99
95) Naphthalene	15.385	128	611627	54.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	271207	50.464	ug/l	99

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

