

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068632.D
 Acq On : 17 Mar 2021 12:10
 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
 3/18/2021 2:17:55 PM

Quant Time: Mar 18 00:54:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	260875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	438965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	393196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	117691	45.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.30%		
35) Dibromofluoromethane	7.920	113	128704	48.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.34%		
50) Toluene-d8	10.344	98	492987	46.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.62%		
62) 4-Bromofluorobenzene	12.632	95	166801	49.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.28%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	122389	48.34	ug/l	99
3) Chloromethane	2.209	50	151093	47.23	ug/l	97
4) Vinyl Chloride	2.350	62	189480	49.88	ug/l	97
5) Bromomethane	2.768	94	125508	46.40	ug/l	98
6) Chloroethane	2.921	64	124106	50.52	ug/l	96
7) Trichlorofluoromethane	3.273	101	237007	54.69	ug/l	100
8) Diethyl Ether	3.709	74	60718	47.06	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	138985	52.64	ug/l	95
10) Methyl Iodide	4.297	142	141604	45.12	ug/l	95
11) Tert butyl alcohol	5.226	59	34077	244.87	ug/l	97
12) 1,1-Dichloroethene	4.068	96	129488	49.42	ug/l	95
13) Acrolein	3.921	56	44531	223.89	ug/l	97
14) Allyl chloride	4.720	41	164625	48.67	ug/l	98
15) Acrylonitrile	5.426	53	137658	252.78	ug/l	98
16) Acetone	4.156	43	123877	299.21	ug/l	92
17) Carbon Disulfide	4.409	76	396975	46.25	ug/l	100
18) Methyl Acetate	4.720	43	55412	51.93	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	312219	54.97	ug/l	95
20) Methylene Chloride	4.962	84	160053	51.85	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	165947	53.05	ug/l	96
22) Diisopropyl ether	6.367	45	356175	47.81	ug/l	95
23) Vinyl Acetate	6.303	43	940516	243.35	ug/l	99
24) 1,1-Dichloroethane	6.267	63	250791	49.12	ug/l	98
25) 2-Butanone	7.214	43	146580	246.29	ug/l	100
26) 2,2-Dichloropropane	7.209	77	228422	53.70	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	168007	48.92	ug/l	96
28) Bromochloromethane	7.544	49	94293	47.31	ug/l	83
29) Tetrahydrofuran	7.561	42	89969	232.81	ug/l	99
30) Chloroform	7.709	83	263607	48.89	ug/l	97
31) Cyclohexane	7.985	56	218537	46.10	ug/l	91
32) 1,1,1-Trichloroethane	7.903	97	241459	52.46	ug/l	97
36) 1,1-Dichloropropene	8.114	75	215047	51.54	ug/l	96
37) Ethyl Acetate	7.297	43	64499	46.59	ug/l	97
38) Carbon Tetrachloride	8.097	117	210802	53.77	ug/l	97
39) Methylcyclohexane	9.355	83	261684	50.85	ug/l	99
40) Benzene	8.350	78	587235	49.06	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	37435m	46.58	ug/l	
42) 1,2-Dichloroethane	8.426	62	152591	48.48	ug/l	99
43) Isopropyl Acetate	8.450	43	126651	49.78	ug/l	98
44) Trichloroethene	9.114	130	164739	50.14	ug/l	98
45) 1,2-Dichloropropane	9.391	63	142259	49.72	ug/l	94
46) Dibromomethane	9.473	93	77900	50.05	ug/l	93
47) Bromodichloromethane	9.661	83	202439	50.28	ug/l	99
48) Methyl methacrylate	9.456	41	65477	48.28	ug/l	96
49) 1,4-Dioxane	9.461	88	18083	1018.65	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	328325	246.59	ug/l	99
52) Toluene	10.403	92	387904	50.75	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	191334	51.41	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	225758	49.72	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	110285	51.20	ug/l	97
56) Ethyl methacrylate	10.661	69	123365	49.82	ug/l	98
57) 1,3-Dichloropropane	10.944	76	183711	48.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	307398	247.46	ug/l	94
59) 2-Hexanone	10.985	43	239781	270.18	ug/l	100
60) Dibromochloromethane	11.138	129	136869	51.32	ug/l	100
61) 1,2-Dibromoethane	11.244	107	103574	49.13	ug/l	98
64) Tetrachloroethene	10.873	164	132866	51.75	ug/l	98
65) Chlorobenzene	11.673	112	411503	51.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	149335	53.65	ug/l	99
67) Ethyl Benzene	11.744	91	771608	53.98	ug/l	95
68) m/p-Xylenes	11.849	106	591663	108.99	ug/l	98
69) o-Xylene	12.179	106	271809	54.37	ug/l	94
70) Styrene	12.197	104	466869	54.61	ug/l	99
71) Bromoform	12.361	173	77407	54.74	ug/l #	98
73) Isopropylbenzene	12.479	105	754548	47.28	ug/l	98
74) N-amyl acetate	12.285	43	123761	45.52	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	127948	46.60	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	84883m	44.44	ug/l	
77) Bromobenzene	12.761	156	169585	46.57	ug/l	92
78) n-propylbenzene	12.820	91	949993	49.82	ug/l	97
79) 2-Chlorotoluene	12.908	91	522589	49.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	684048	52.30	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	38987	47.63	ug/l	97
82) 4-Chlorotoluene	13.002	91	563488	50.60	ug/l	98
83) tert-Butylbenzene	13.220	119	557553	50.07	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	674071	51.46	ug/l	98
85) sec-Butylbenzene	13.396	105	828114	52.64	ug/l	98
86) p-Isopropyltoluene	13.514	119	783597	54.87	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	368708	52.42	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	365507	52.45	ug/l	98
89) n-Butylbenzene	13.838	91	759743	55.16	ug/l	97
90) Hexachloroethane	14.108	117	146210	51.52	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	319064	52.89	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21523	44.47	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	223248	47.91	ug/l	99
94) Hexachlorobutadiene	15.261	225	130732	50.55	ug/l	100
95) Naphthalene	15.396	128	402050	47.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	191112	47.37	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068632.D
Acq On : 17 Mar 2021 12:10
Operator : VA/SY
Sample : VSTDC0050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDC0050

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