

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070834.D
 Acq On : 26 Oct 2021 11:54
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 04:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 04:55:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	447247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	701111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	660295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	329770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214577	47.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.680%		
35) Dibromofluoromethane	7.914	113	229972	49.760	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.520%		
50) Toluene-d8	10.332	98	896767	51.678	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.360%		
62) 4-Bromofluorobenzene	12.620	95	291915	50.937	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	195458	47.980	ug/l	100
3) Chloromethane	2.209	50	293135	49.922	ug/l	100
4) Vinyl Chloride	2.350	62	322610	50.018	ug/l	100
5) Bromomethane	2.762	94	215438	46.674	ug/l	100
6) Chloroethane	2.920	64	197267	49.434	ug/l	100
7) Trichlorofluoromethane	3.273	101	392320	50.002	ug/l	100
8) Diethyl Ether	3.709	74	115011	51.267	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	245664	48.548	ug/l	100
10) Methyl Iodide	4.297	142	288333	62.096	ug/l	100
11) Tert butyl alcohol	5.220	59	55701	230.331	ug/l	100
12) 1,1-Dichloroethene	4.067	96	234537	51.881	ug/l	100
13) Acrolein	3.926	56	54000	246.046	ug/l	100
14) Allyl chloride	4.714	41	389111	55.163	ug/l	100
15) Acrylonitrile	5.414	53	277358	260.683	ug/l	100
16) Acetone	4.156	43	298109	287.368	ug/l	100
17) Carbon Disulfide	4.409	76	833157	52.532	ug/l	100
18) Methyl Acetate	4.714	43	179132	49.840	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	507527	54.523	ug/l	100
20) Methylene Chloride	4.961	84	299411	42.638	ug/l	100
21) trans-1,2-Dichloroethene	5.467	96	282518	53.446	ug/l	100
22) Diisopropyl ether	6.361	45	817542	55.842	ug/l	100
23) Vinyl Acetate	6.303	43	1867584	298.359	ug/l	100
24) 1,1-Dichloroethane	6.261	63	502782	50.961	ug/l	100
25) 2-Butanone	7.214	43	352218	271.990	ug/l	100
26) 2,2-Dichloropropane	7.208	77	406079	51.934	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	302069	52.336	ug/l	100
28) Bromochloromethane	7.544	49	200867	51.192	ug/l	100
29) Tetrahydrofuran	7.561	42	210062	267.234	ug/l	100
30) Chloroform	7.708	83	497994	50.526	ug/l	100
31) Cyclohexane	7.979	56	473859	51.928	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	429665	50.927	ug/l	100
36) 1,1-Dichloropropene	8.108	75	395406	54.188	ug/l	100
37) Ethyl Acetate	7.291	43	150810	55.167	ug/l	100
38) Carbon Tetrachloride	8.097	117	380552	52.530	ug/l	100
39) Methylcyclohexane	9.349	83	467059	56.164	ug/l	100
40) Benzene	8.349	78	1147041	54.540	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	68345	47.802	ug/l	100
42) 1,2-Dichloroethane	8.420	62	276722	51.565	ug/l	100
43) Isopropyl Acetate	8.449	43	268509	53.148	ug/l	100
44) Trichloroethene	9.108	130	281389	51.803	ug/l	100
45) 1,2-Dichloropropane	9.385	63	297323	53.036	ug/l	100
46) Dibromomethane	9.473	93	144710	52.287	ug/l	100
47) Bromodichloromethane	9.655	83	366012	51.897	ug/l	100
48) Methyl methacrylate	9.449	41	138414	56.883	ug/l	100
49) 1,4-Dioxane	9.455	88	31614	1070.257	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	733685	277.119	ug/l	100
52) Toluene	10.396	92	709238	55.429	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	334532	53.493	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	401942	52.576	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	201064	51.201	ug/l	100
56) Ethyl methacrylate	10.655	69	242783	56.522	ug/l	100
57) 1,3-Dichloropropane	10.938	76	352140	53.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	475089	255.996	ug/l	100
59) 2-Hexanone	10.979	43	548394	290.276	ug/l	100
60) Dibromochloromethane	11.132	129	244755	52.833	ug/l	100
61) 1,2-Dibromoethane	11.238	107	191838	53.337	ug/l	100
64) Tetrachloroethene	10.873	164	242463	54.220	ug/l	100
65) Chlorobenzene	11.661	112	718130	52.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	264395	52.975	ug/l	100
67) Ethyl Benzene	11.738	91	1315367	56.237	ug/l	100
68) m/p-Xylenes	11.843	106	1041040	114.030	ug/l	100
69) o-Xylene	12.173	106	467929	56.711	ug/l	100
70) Styrene	12.185	104	824487	58.107	ug/l	100
71) Bromoform	12.349	173	141436	52.674	ug/l #	100
73) Isopropylbenzene	12.473	105	1238578	56.160	ug/l	100
74) N-amyl acetate	12.279	43	262353	54.399	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	229178	50.977	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	172828m	58.278	ug/l	100
77) Bromobenzene	12.749	156	283506	53.332	ug/l	100
78) n-propylbenzene	12.808	91	1577176	56.184	ug/l	100
79) 2-Chlorotoluene	12.896	91	893378	55.391	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1052704	56.662	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	67823	55.433	ug/l	100
82) 4-Chlorotoluene	12.996	91	925548	54.612	ug/l	100
83) tert-Butylbenzene	13.214	119	864707	55.850	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1041180	56.876	ug/l	100
85) sec-Butylbenzene	13.390	105	1353219	55.876	ug/l	100
86) p-Isopropyltoluene	13.502	119	1107808	56.468	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	578007	52.686	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	569708	52.733	ug/l	100
89) n-Butylbenzene	13.832	91	1051607	54.893	ug/l	100
90) Hexachloroethane	14.096	117	220842	51.293	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	495986	53.122	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33447	51.329	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	284208	52.324	ug/l	100
94) Hexachlorobutadiene	15.249	225	179811	50.814	ug/l	100
95) Naphthalene	15.384	128	501371	55.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	256839	54.703	ug/l	100

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

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