

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074090.D
 Acq On : 15 Aug 2022 12:35
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 15:37:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 15:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	164497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	268762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	250251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	166350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64545	32.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	65.720%		
35) Dibromofluoromethane	7.902	113	80935	42.686	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.380%		
50) Toluene-d8	10.332	98	222963	32.393	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	64.780%		
62) 4-Bromofluorobenzene	12.620	95	108275	45.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	58481	35.150	ug/l	100
3) Chloromethane	2.209	50	74686	27.052	ug/l	99
4) Vinyl Chloride	2.350	62	108120	28.519	ug/l	97
5) Bromomethane	2.773	94	78931	30.800	ug/l	97
6) Chloroethane	2.915	64	91282	35.721	ug/l	99
7) Trichlorofluoromethane	3.267	101	131617	38.822	ug/l	91
8) Diethyl Ether	3.709	74	32275	38.809	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.085	101	79211	42.107	ug/l	98
10) Methyl Iodide	4.291	142	73082	39.438	ug/l	96
11) Tert butyl alcohol	5.220	59	22242	153.942	ug/l	96
12) 1,1-Dichloroethene	4.062	96	64381	38.514	ug/l	86
13) Acrolein	3.920	56	19604	215.005	ug/l	98
14) Allyl chloride	4.703	41	91256	37.400	ug/l #	90
15) Acrylonitrile	5.414	53	70438	207.523	ug/l	95
16) Acetone	4.150	43	79317	246.083	ug/l	90
17) Carbon Disulfide	4.403	76	151726	28.405	ug/l	99
18) Methyl Acetate	4.714	43	33421	39.702	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	166718	41.637	ug/l	91
20) Methylene Chloride	4.961	84	86851	27.080	ug/l #	81
21) trans-1,2-Dichloroethene	5.467	96	77087	39.008	ug/l	88
22) Diisopropyl ether	6.361	45	209749	40.395	ug/l #	89
23) Vinyl Acetate	6.297	43	557111m	196.567	ug/l	
24) 1,1-Dichloroethane	6.250	63	136674	39.851	ug/l	96
25) 2-Butanone	7.203	43	99687	217.903	ug/l #	86
26) 2,2-Dichloropropane	7.197	77	141043	46.311	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	91327	41.050	ug/l	88
28) Bromochloromethane	7.538	49	50843	39.513	ug/l #	70
29) Tetrahydrofuran	7.555	42	55901	201.515	ug/l #	82
30) Chloroform	7.703	83	160930	42.631	ug/l	100
31) Cyclohexane	7.979	56	104507	33.483	ug/l #	80
32) 1,1,1-Trichloroethane	7.897	97	153390	43.675	ug/l	96
36) 1,1-Dichloropropene	8.102	75	111114	40.622	ug/l	96
37) Ethyl Acetate	7.291	43	44528	45.273	ug/l #	95
38) Carbon Tetrachloride	8.085	117	130517	41.781	ug/l	95
39) Methylcyclohexane	9.349	83	125936	39.498	ug/l	90
40) Benzene	8.344	78	308060	41.395	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	21291	34.834	ug/l #	77
42) 1,2-Dichloroethane	8.414	62	97199	42.676	ug/l	98
43) Isopropyl Acetate	8.444	43	83078	42.268	ug/l #	91
44) Trichloroethene	9.102	130	90182	43.421	ug/l	87
45) 1,2-Dichloropropane	9.373	63	76722	42.652	ug/l	92
46) Dibromomethane	9.467	93	48689	44.625	ug/l	97
47) Bromodichloromethane	9.649	83	125189	44.315	ug/l #	95
48) Methyl methacrylate	9.444	41	38890	40.356	ug/l #	76
49) 1,4-Dioxane	9.449	88	10080	882.955	ug/l	91
51) 4-Methyl-2-Pentanone	10.214	43	216329	220.153	ug/l	93
52) Toluene	10.391	92	210574	42.043	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	110540	44.324	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	124905	43.284	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	65974	47.536	ug/l	96
56) Ethyl methacrylate	10.649	69	70738	44.025	ug/l	88
57) 1,3-Dichloropropane	10.938	76	101127	42.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	132003	153.639	ug/l	91
59) 2-Hexanone	10.973	43	154429	230.000	ug/l	92
60) Dibromochloromethane	11.126	129	88458	47.049	ug/l	97
61) 1,2-Dibromoethane	11.232	107	63272	45.058	ug/l	100
64) Tetrachloroethene	10.867	164	77478	46.421	ug/l	97
65) Chlorobenzene	11.661	112	235670	45.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	90624	46.267	ug/l	98
67) Ethyl Benzene	11.732	91	419493	44.082	ug/l	99
68) m/p-Xylenes	11.843	106	339717	91.333	ug/l	95
69) o-Xylene	12.167	106	158009	45.374	ug/l	90
70) Styrene	12.185	104	271419	45.590	ug/l	97
71) Bromoform	12.343	173	52383	49.423	ug/l #	99
73) Isopropylbenzene	12.467	105	431281	34.230	ug/l	99
74) N-amyl acetate	12.273	43	80681	32.464	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	73707	33.846	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	57545m	32.241	ug/l	
77) Bromobenzene	12.749	156	98643	35.228	ug/l	85
78) n-propylbenzene	12.808	91	523163	34.037	ug/l	97
79) 2-Chlorotoluene	12.896	91	290792	33.725	ug/l	94
80) 1,3,5-Trimethylbenzene	12.943	105	371783	35.006	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20075	30.350	ug/l #	86
82) 4-Chlorotoluene	12.990	91	308355	33.817	ug/l	96
83) tert-Butylbenzene	13.208	119	377162	41.535	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	430950	40.738	ug/l	97
85) sec-Butylbenzene	13.385	105	575491	42.029	ug/l	97
86) p-Isopropyltoluene	13.502	119	487050	42.242	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	254985	43.485	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	258059	44.522	ug/l	97
89) n-Butylbenzene	13.826	91	453976	41.470	ug/l	98
90) Hexachloroethane	14.090	117	93117	40.870	ug/l	89
91) 1,2-Dichlorobenzene	13.873	146	226051	44.620	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13719	37.516	ug/l	68
93) 1,2,4-Trichlorobenzene	15.137	180	156255	50.521	ug/l	98
94) Hexachlorobutadiene	15.243	225	94523	57.669	ug/l	98
95) Naphthalene	15.379	128	259004	46.590	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	136888	52.057	ug/l	98

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

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