

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079402.D
 Acq On : 25 Jul 2024 12:08
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2024
 Supervised By :Semsettin Yesilyurt 07/26/2024

Quant Time: Jul 26 05:59:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94468	45.347	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.700%		
35) Dibromofluoromethane	7.805	113	108086	49.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.060%		
50) Toluene-d8	10.269	98	400454	49.064	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.569	95	123617	49.639	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	102418	58.541	ug/l	97
3) Chloromethane	2.146	50	33695	40.181	ug/l	95
4) Vinyl Chloride	2.276	62	29653	39.111	ug/l	98
5) Bromomethane	2.687	94	29833	51.360	ug/l	98
6) Chloroethane	2.828	64	17655	49.350	ug/l	89
7) Trichlorofluoromethane	3.170	101	184763	48.234	ug/l	97
8) Diethyl Ether	3.593	74	51152	46.555	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	123393	48.808	ug/l	98
10) Methyl Iodide	4.158	142	163769	59.183	ug/l	99
11) Tert butyl alcohol	5.058	59	24920	245.138	ug/l #	88
12) 1,1-Dichloroethene	3.934	96	120520	51.373	ug/l	90
13) Acrolein	3.793	56	36831	199.282	ug/l	97
14) Allyl chloride	4.558	41	118032	42.774	ug/l	92
15) Acrylonitrile	5.252	53	109254	218.016	ug/l	97
16) Acetone	4.023	43	79234	211.715	ug/l	94
17) Carbon Disulfide	4.264	76	380730	48.140	ug/l	99
18) Methyl Acetate	4.564	43	45796	39.717	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	231825	48.183	ug/l	96
20) Methylene Chloride	4.799	84	154936	49.454	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	135683	51.585	ug/l	97
22) Diisopropyl ether	6.216	45	278244	44.669	ug/l	99
23) Vinyl Acetate	6.152	43	1058071	224.999	ug/l	99
24) 1,1-Dichloroethane	6.111	63	197525	43.741	ug/l	98
25) 2-Butanone	7.081	43	123410	217.445	ug/l	98
26) 2,2-Dichloropropane	7.069	77	176309	45.719	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	157926	51.604	ug/l	99
28) Bromochloromethane	7.422	49	85295	45.932	ug/l	94
29) Tetrahydrofuran	7.446	42	81535	230.789	ug/l	95
30) Chloroform	7.593	83	248190	50.298	ug/l	99
31) Cyclohexane	7.875	56	185701	49.838	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	206698	50.084	ug/l	99
36) 1,1-Dichloropropene	8.005	75	171205	53.320	ug/l	97
37) Ethyl Acetate	7.169	43	58271	48.462	ug/l	98
38) Carbon Tetrachloride	7.993	117	178876	50.874	ug/l	99
39) Methylcyclohexane	9.275	83	213577	55.477	ug/l	93
40) Benzene	8.252	78	532323	52.429	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31656	47.920	ug/l	93
42) 1,2-Dichloroethane	8.328	62	129090	52.456	ug/l	96
43) Isopropyl Acetate	8.363	43	121532	53.311	ug/l	96
44) Trichloroethene	9.028	130	125680	51.836	ug/l	86
45) 1,2-Dichloropropane	9.305	63	131082	53.480	ug/l	96
46) Dibromomethane	9.393	93	73358	50.946	ug/l	91
47) Bromodichloromethane	9.581	83	182513	52.134	ug/l	99
48) Methyl methacrylate	9.381	41	58078	55.015	ug/l	86
49) 1,4-Dioxane	9.381	88	15175	1132.963	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	334787	275.710	ug/l	95
52) Toluene	10.328	92	339265	54.485	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	165012	53.393	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	199534	53.381	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	97960	52.267	ug/l	94
56) Ethyl methacrylate	10.599	69	120386	56.212	ug/l	95
57) 1,3-Dichloropropane	10.875	76	165302	52.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	240644	268.688	ug/l	93
59) 2-Hexanone	10.916	43	230730	274.222	ug/l	98
60) Dibromochloromethane	11.069	129	124825	51.842	ug/l	98
61) 1,2-Dibromoethane	11.175	107	94115	52.114	ug/l	100
64) Tetrachloroethene	10.810	164	105883	51.787	ug/l	93
65) Chlorobenzene	11.604	112	358935	51.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	122149	50.199	ug/l	96
67) Ethyl Benzene	11.681	91	639714	54.906	ug/l	98
68) m/p-Xylenes	11.793	106	496079	107.801	ug/l	89
69) o-Xylene	12.116	106	226466	54.851	ug/l	86
70) Styrene	12.134	104	405977	55.456	ug/l	95
71) Bromoform	12.293	173	68307	52.032	ug/l #	99
73) Isopropylbenzene	12.416	105	585623	54.444	ug/l	98
74) N-amyl acetate	12.228	43	121224	55.074	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	112618	50.759	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	81527m	43.044	ug/l	
77) Bromobenzene	12.699	156	132502	52.454	ug/l	83
78) n-propylbenzene	12.757	91	745375	55.228	ug/l	95
79) 2-Chlorotoluene	12.846	91	416702	53.651	ug/l	92
80) 1,3,5-Trimethylbenzene	12.899	105	501766	55.490	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	39303	53.861	ug/l	98
82) 4-Chlorotoluene	12.946	91	432143	53.711	ug/l	94
83) tert-Butylbenzene	13.163	119	418456	55.305	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	505485	55.396	ug/l	97
85) sec-Butylbenzene	13.340	105	644330	54.618	ug/l	96
86) p-Isopropyltoluene	13.457	119	534120	55.591	ug/l	96
87) 1,3-Dichlorobenzene	13.451	146	276069	52.224	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	270057	50.635	ug/l	95
89) n-Butylbenzene	13.781	91	512136	54.926	ug/l	96
90) Hexachloroethane	14.051	117	109848	50.183	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	240783	52.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	15496	52.756	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	134029	53.632	ug/l	96
94) Hexachlorobutadiene	15.198	225	73448	51.054	ug/l	96
95) Naphthalene	15.328	128	264190	55.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	120031	53.913	ug/l	98

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

