

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079342.D
 Acq On : 08 Jul 2024 14:54
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:50:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	307687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21695	11.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.600%#		
35) Dibromofluoromethane	7.799	113	22575	10.400	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.800%#		
50) Toluene-d8	10.263	98	84350	10.081	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.160%#		
62) 4-Bromofluorobenzene	12.569	95	24877	9.565	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.140%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14716	9.739	ug/l	95
3) Chloromethane	2.146	50	21103	10.430	ug/l	96
4) Vinyl Chloride	2.276	62	24061	11.571	ug/l	97
5) Bromomethane	2.681	94	14000	8.551	ug/l	97
6) Chloroethane	2.823	64	11442	10.269	ug/l	99
7) Trichlorofluoromethane	3.164	101	29949	9.857	ug/l	100
8) Diethyl Ether	3.593	74	8336	8.588	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.952	101	18574	9.746	ug/l	98
10) Methyl Iodide	4.158	142	17733	8.436	ug/l #	92
11) Tert butyl alcohol	5.069	59	6615m	53.956	ug/l	
12) 1,1-Dichloroethene	3.928	96	17774	9.391	ug/l	88
13) Acrolein	3.793	56	9250	60.858	ug/l	97
14) Allyl chloride	4.558	41	22005	9.124	ug/l	88
15) Acrylonitrile	5.252	53	19688	44.035	ug/l	98
16) Acetone	4.017	43	16990	46.512	ug/l	99
17) Carbon Disulfide	4.264	76	56463	9.443	ug/l #	95
18) Methyl Acetate	4.558	43	12157	10.636	ug/l #	63
19) Methyl tert-butyl Ether	5.305	73	37853	8.999	ug/l	100
20) Methylene Chloride	4.793	84	50407	10.880	ug/l	89
21) trans-1,2-Dichloroethene	5.299	96	20388	9.697	ug/l	96
22) Diisopropyl ether	6.211	45	50848	9.415	ug/l #	94
23) Vinyl Acetate	6.152	43	181183	43.836	ug/l	94
24) 1,1-Dichloroethane	6.105	63	35754	9.818	ug/l	95
25) 2-Butanone	7.081	43	24508	47.235	ug/l	93
26) 2,2-Dichloropropane	7.069	77	30045	9.851	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	23429	9.545	ug/l	89
28) Bromochloromethane	7.416	49	18143	11.820	ug/l #	79
29) Tetrahydrofuran	7.440	42	13239	41.863	ug/l	86
30) Chloroform	7.593	83	38286	10.015	ug/l	97
31) Cyclohexane	7.875	56	26262	9.042	ug/l #	91
32) 1,1,1-Trichloroethane	7.787	97	30507	9.546	ug/l	97
36) 1,1-Dichloropropene	8.011	75	24237	8.789	ug/l	97
37) Ethyl Acetate	7.169	43	9950	8.332	ug/l #	91
38) Carbon Tetrachloride	7.987	117	27923	9.620	ug/l	99
39) Methylcyclohexane	9.269	83	25927	8.063	ug/l	91
40) Benzene	8.246	78	80596	9.129	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	4661	9.372	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	21257	9.960	ug/l	93
43) Isopropyl Acetate	8.358	43	18646	8.544	ug/l	98
44) Trichloroethene	9.022	130	19130	9.090	ug/l	93
45) 1,2-Dichloropropane	9.305	63	20205	9.376	ug/l	100
46) Dibromomethane	9.393	93	11947	9.455	ug/l	95
47) Bromodichloromethane	9.581	83	29450	9.533	ug/l	94
48) Methyl methacrylate	9.381	41	7507	9.124	ug/l	94
49) 1,4-Dioxane	9.387	88	2201	153.812	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	50713	43.401	ug/l	92
52) Toluene	10.334	92	48001	8.832	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	24796	8.860	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	31153	9.318	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	16634	9.806	ug/l	92
56) Ethyl methacrylate	10.593	69	16490	9.926	ug/l	96
57) 1,3-Dichloropropane	10.875	76	25527	9.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	36084	43.973	ug/l	94
59) 2-Hexanone	10.916	43	33994	40.718	ug/l	100
60) Dibromochloromethane	11.069	129	21026	9.657	ug/l	96
61) 1,2-Dibromoethane	11.181	107	14626	9.145	ug/l	95
64) Tetrachloroethene	10.810	164	15545	9.012	ug/l	93
65) Chlorobenzene	11.604	112	58061	9.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	18306	8.785	ug/l	91
67) Ethyl Benzene	11.681	91	86877	8.426	ug/l	95
68) m/p-Xylenes	11.793	106	64194	16.124	ug/l	84
69) o-Xylene	12.116	106	31463	8.446	ug/l	89
70) Styrene	12.134	104	53868	8.103	ug/l	93
71) Bromoform	12.293	173	11088	9.184	ug/l #	96
73) Isopropylbenzene	12.416	105	78132	8.425	ug/l	97
74) N-amyl acetate	12.228	43	17787	8.535	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	19339	9.871	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	14122m	10.190	ug/l	
77) Bromobenzene	12.698	156	20531	9.357	ug/l	84
78) n-propylbenzene	12.757	91	98634	8.534	ug/l	94
79) 2-Chlorotoluene	12.846	91	58745	8.862	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	66830	8.502	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	6536	9.232	ug/l	95
82) 4-Chlorotoluene	12.946	91	62400	8.845	ug/l	94
83) tert-Butylbenzene	13.163	119	53519	8.154	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	66683	8.364	ug/l	96
85) sec-Butylbenzene	13.340	105	85450	8.494	ug/l	98
86) p-Isopropyltoluene	13.457	119	67060	8.049	ug/l	96
87) 1,3-Dichlorobenzene	13.451	146	42656	9.218	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	44639	9.585	ug/l	95
89) n-Butylbenzene	13.787	91	68179	8.418	ug/l	96
90) Hexachloroethane	14.051	117	16762	9.107	ug/l	95
91) 1,2-Dichlorobenzene	13.822	146	37720	9.189	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2658	9.659	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	19586	8.491	ug/l	95
94) Hexachlorobutadiene	15.198	225	11230	9.180	ug/l	96
95) Naphthalene	15.328	128	38058	8.299	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	17714	8.597	ug/l	97

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

