

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078905.D
 Acq On : 13 May 2024 10:23
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: May 14 06:06:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	103541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	181552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5100	5.251	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	10.500%#	
35) Dibromofluoromethane	7.810	113	6605	5.465	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	10.940%#	
50) Toluene-d8	10.269	98	21968	4.849	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	9.700%#	
62) 4-Bromofluorobenzene	12.575	95	6214	4.882	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	9.760%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	5801	5.996	ug/l	89
3) Chloromethane	2.146	50	9762	4.747	ug/l	96
4) Vinyl Chloride	2.287	62	14253	6.125	ug/l	91
5) Bromomethane	2.693	94	13778	6.909	ug/l	97
6) Chloroethane	2.840	64	10429	5.631	ug/l	95
7) Trichlorofluoromethane	3.181	101	10647	5.251	ug/l	93
8) Diethyl Ether	3.605	74	2595	3.956	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	6601	6.165	ug/l #	71
10) Methyl Iodide	4.169	142	6537	5.110	ug/l	98
11) Tert butyl alcohol	5.046	59	1554	33.370	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	6116	5.835	ug/l	93
13) Acrolein	3.793	56	2299	23.779	ug/l	98
14) Allyl chloride	4.575	41	5689	5.562	ug/l	90
15) Acrylonitrile	5.263	53	5420	28.871	ug/l #	88
16) Acetone	4.028	43	4321	27.903	ug/l #	71
17) Carbon Disulfide	4.269	76	22113	5.619	ug/l	97
18) Methyl Acetate	4.575	43	2162	6.064	ug/l #	44
19) Methyl tert-butyl Ether	5.334	73	10531	5.156	ug/l #	81
20) Methylene Chloride	4.799	84	14390	6.611	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	6720	5.752	ug/l #	72
22) Diisopropyl ether	6.216	45	12586	5.441	ug/l #	86
23) Vinyl Acetate	6.158	43	35949	25.909	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	10938	5.965	ug/l #	91
25) 2-Butanone	7.081	43	5613	27.101	ug/l	98
26) 2,2-Dichloropropane	7.075	77	9780	6.069	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	7791	5.679	ug/l	95
28) Bromochloromethane	7.428	49	2928	4.788	ug/l #	97
29) Tetrahydrofuran	7.452	42	3060	25.544	ug/l #	66
30) Chloroform	7.599	83	12542	6.038	ug/l	99
31) Cyclohexane	7.875	56	8595	6.057	ug/l #	84
32) 1,1,1-Trichloroethane	7.799	97	10233	5.753	ug/l	94
36) 1,1-Dichloropropene	8.010	75	8363	5.561	ug/l	97
37) Ethyl Acetate	7.157	43	2921m	5.699	ug/l	
38) Carbon Tetrachloride	7.999	117	9947	5.652	ug/l	90
39) Methylcyclohexane	9.275	83	9014	4.933	ug/l	95
40) Benzene	8.252	78	26729	5.495	ug/l	92

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41) Methacrylonitrile	7.405	41	1608	5.831	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	7004	5.949	ug/l	99
43) Isopropyl Acetate	8.369	43	4765	5.240	ug/l #	77
44) Trichloroethene	9.028	130	7459	5.781	ug/l	97
45) 1,2-Dichloropropane	9.304	63	6141	5.745	ug/l	90
46) Dibromomethane	9.393	93	4142	5.886	ug/l	95
47) Bromodichloromethane	9.587	83	9704	5.729	ug/l	96
48) Methyl methacrylate	9.387	41	2359	5.329	ug/l	84
49) 1,4-Dioxane	9.381	88	462m	74.639	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	12351	25.498	ug/l	93
52) Toluene	10.334	92	15933	5.117	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	7443	5.171	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	9128	5.284	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	4951	5.446	ug/l	96
56) Ethyl methacrylate	10.593	69	4464	4.773	ug/l #	94
57) 1,3-Dichloropropane	10.875	76	7668	5.417	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.875	63	10816	26.913	ug/l	99
59) 2-Hexanone	10.922	43	7928	23.515	ug/l	100
60) Dibromochloromethane	11.069	129	6723	5.425	ug/l	95
61) 1,2-Dibromoethane	11.175	107	4272	5.154	ug/l #	77
64) Tetrachloroethene	10.810	164	6032	5.573	ug/l	91
65) Chlorobenzene	11.604	112	19619	5.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	6776	5.523	ug/l	86
67) Ethyl Benzene	11.681	91	27822	4.874	ug/l	98
68) m/p-Xylenes	11.793	106	21742	9.369	ug/l	95
69) o-Xylene	12.122	106	9717	4.593	ug/l	93
70) Styrene	12.134	104	17652	4.708	ug/l	99
71) Bromoform	12.298	173	3962	5.638	ug/l #	91
73) Isopropylbenzene	12.416	105	24288	4.956	ug/l	94
74) N-amyl acetate	12.234	43	4235	5.325	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	5190	5.871	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	3465m	5.950	ug/l	
77) Bromobenzene	12.704	156	7278	5.647	ug/l	95
78) n-propylbenzene	12.763	91	29201	4.929	ug/l	97
79) 2-Chlorotoluene	12.845	91	17632	5.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	18577	4.562	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	1659	5.691	ug/l	98
82) 4-Chlorotoluene	12.945	91	17592	5.093	ug/l	95
83) tert-Butylbenzene	13.163	119	17255	4.792	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	20074	4.759	ug/l	99
85) sec-Butylbenzene	13.345	105	26089	4.857	ug/l	98
86) p-Isopropyltoluene	13.457	119	21434	4.580	ug/l	97
87) 1,3-Dichlorobenzene	13.451	146	15521	5.691	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	15367	5.754	ug/l	92
89) n-Butylbenzene	13.787	91	21588	5.148	ug/l	98
90) Hexachloroethane	14.051	117	5802	5.877	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	12687	5.560	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	654	5.557	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	7113	5.309	ug/l	96
94) Hexachlorobutadiene	15.198	225	3807	5.437	ug/l	94
95) Naphthalene	15.334	128	12019	5.266	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	6539	5.486	ug/l	91

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

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