

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079707.D
 Acq On : 12 Aug 2024 12:48
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 12 14:28:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 12 14:24:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/13/2024
 Supervised By : Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	205753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	378022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	239578	101.210	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 202.420%#			
35) Dibromofluoromethane	7.805	113	238310	102.259	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 204.520%#			
50) Toluene-d8	10.269	98	1036754	106.442	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 212.880%#			
62) 4-Bromofluorobenzene	12.569	95	298694	109.524	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 219.040%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	154626	95.749	ug/l	99
3) Chloromethane	2.146	50	339833	85.517	ug/l	96
4) Vinyl Chloride	2.281	62	420813	89.579	ug/l	100
5) Bromomethane	2.675	94	281156	87.929	ug/l	97
6) Chloroethane	2.828	64	294919	91.970	ug/l	100
7) Trichlorofluoromethane	3.170	101	373141	88.814	ug/l	98
8) Diethyl Ether	3.593	74	135326	103.008	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.958	101	222167	89.826	ug/l	94
10) Methyl Iodide	4.158	142	296424	107.077	ug/l	94
11) Tert butyl alcohol	5.058	59	68761	530.686	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	252940	97.804	ug/l	87
13) Acrolein	3.793	56	147718	536.488	ug/l	98
14) Allyl chloride	4.558	41	390877	100.767	ug/l #	84
15) Acrylonitrile	5.252	53	321302	531.272	ug/l	98
16) Acetone	4.017	43	329091	529.165	ug/l	99
17) Carbon Disulfide	4.269	76	850646	92.788	ug/l	100
18) Methyl Acetate	4.564	43	156351	96.879	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	571289	107.581	ug/l	99
20) Methylene Chloride	4.799	84	304341	98.112	ug/l #	83
21) trans-1,2-Dichloroethene	5.311	96	280969	98.953	ug/l #	82
22) Diisopropyl ether	6.216	45	808442	101.137	ug/l #	91
23) Vinyl Acetate	6.152	43	3215833	548.856	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	504668	95.504	ug/l	94
25) 2-Butanone	7.081	43	415536	570.579	ug/l	94
26) 2,2-Dichloropropane	7.075	77	397955	95.359	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	327406	99.408	ug/l	86
28) Bromochloromethane	7.422	49	216664	96.384	ug/l #	65
29) Tetrahydrofuran	7.446	42	247407	558.831	ug/l #	78
30) Chloroform	7.593	83	487927	95.088	ug/l	97
31) Cyclohexane	7.875	56	405033	93.611	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	404511	95.285	ug/l	98
36) 1,1-Dichloropropene	8.005	75	362847	100.444	ug/l	95
37) Ethyl Acetate	7.169	43	169062	103.413	ug/l	95
38) Carbon Tetrachloride	7.993	117	355609	96.983	ug/l	98
39) Methylcyclohexane	9.269	83	441585	103.424	ug/l	91
40) Benzene	8.252	78	1157604	98.530	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	85703	103.411	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	272457	100.328	ug/l	96
43) Isopropyl Acetate	8.357	43	312223	109.509	ug/l #	91
44) Trichloroethene	9.028	130	258445	100.156	ug/l	89
45) 1,2-Dichloropropane	9.304	63	286261	98.989	ug/l	100
46) Dibromomethane	9.393	93	147308	100.616	ug/l #	88
47) Bromodichloromethane	9.581	83	365073	98.921	ug/l	97
48) Methyl methacrylate	9.381	41	150883	115.054	ug/l #	79
49) 1,4-Dioxane	9.387	88	32019	2172.989	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	821960	560.367	ug/l	93
52) Toluene	10.334	92	712519	101.138	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	366095	106.118	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	439247	103.739	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	194557	99.688	ug/l	92
56) Ethyl methacrylate	10.593	69	277262	103.780	ug/l	89
57) 1,3-Dichloropropane	10.875	76	348914	103.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	604877	568.332	ug/l #	88
59) 2-Hexanone	10.916	43	623993	528.548	ug/l	96
60) Dibromochloromethane	11.075	129	241302	100.351	ug/l	99
61) 1,2-Dibromoethane	11.175	107	176758	101.993	ug/l	96
64) Tetrachloroethene	10.810	164	205717	99.249	ug/l	94
65) Chlorobenzene	11.604	112	739663	99.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	242573	99.886	ug/l	97
67) Ethyl Benzene	11.681	91	1370466	104.855	ug/l	99
68) m/p-Xylenes	11.793	106	1067221	209.981	ug/l	93
69) o-Xylene	12.116	106	506568	109.053	ug/l	91
70) Styrene	12.134	104	874170	107.274	ug/l	97
71) Bromoform	12.298	173	129176	103.480	ug/l #	99
73) Isopropylbenzene	12.422	105	1270746	105.168	ug/l	98
74) N-amyl acetate	12.234	43	302314	112.302	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	223431	99.034	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	144746m	51.283	ug/l	
77) Bromobenzene	12.698	156	270851	100.228	ug/l	80
78) n-propylbenzene	12.763	91	1564812	104.658	ug/l	96
79) 2-Chlorotoluene	12.845	91	853862	102.555	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	1061712	105.960	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	86736	105.348	ug/l	98
82) 4-Chlorotoluene	12.945	91	886401	101.242	ug/l	94
83) tert-Butylbenzene	13.163	119	897044	106.077	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	1093636	106.684	ug/l	98
85) sec-Butylbenzene	13.345	105	1367828	104.968	ug/l	98
86) p-Isopropyltoluene	13.457	119	1211733	110.693	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	596712	103.725	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	567735	99.976	ug/l	97
89) n-Butylbenzene	13.787	91	1094886	106.109	ug/l	97
90) Hexachloroethane	14.051	117	218785	97.408	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	502507	101.422	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	32585	105.813	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	303543	106.496	ug/l	98
94) Hexachlorobutadiene	15.204	225	150313	104.869	ug/l	95
95) Naphthalene	15.328	128	663512	121.717	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	274271	109.779	ug/l	99

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

