

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079442.D
 Acq On : 29 Jul 2024 18:07
 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: Jul 30 03:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	285662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	462812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	425434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	210008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	281964	97.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.320%#			
35) Dibromofluoromethane	7.805	113	300477	95.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 191.840%#			
50) Toluene-d8	10.269	98	1253632	103.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 206.100%#			
62) 4-Bromofluorobenzene	12.569	95	368071	104.559	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 209.120%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	208051	92.953	ug/l	97
3) Chloromethane	2.146	50	365472	88.619	ug/l	96
4) Vinyl Chloride	2.281	62	455774	92.948	ug/l	99
5) Bromomethane	2.670	94	299917	99.512	ug/l	98
6) Chloroethane	2.828	64	281493	89.336	ug/l	97
7) Trichlorofluoromethane	3.164	101	450290	92.338	ug/l	93
8) Diethyl Ether	3.593	74	148562	100.852	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	280408	90.916	ug/l	100
10) Methyl Iodide	4.158	142	398519	96.563	ug/l	99
11) Tert butyl alcohol	5.058	59	75914	512.036	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	289802	93.893	ug/l	90
13) Acrolein	3.793	56	119360	507.677	ug/l	97
14) Allyl chloride	4.552	41	403166	98.918	ug/l #	86
15) Acrylonitrile	5.252	53	338099	491.177	ug/l	98
16) Acetone	4.022	43	292813	519.180	ug/l	93
17) Carbon Disulfide	4.264	76	954227	93.659	ug/l	99
18) Methyl Acetate	4.564	43	158301	90.402	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	650082	103.183	ug/l	99
20) Methylene Chloride	4.793	84	384685	98.848	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	333510	96.186	ug/l	88
22) Diisopropyl ether	6.216	45	900758	99.329	ug/l #	93
23) Vinyl Acetate	6.152	43	3604041	528.689	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	564372	92.868	ug/l	95
25) 2-Butanone	7.081	43	411318	514.417	ug/l	94
26) 2,2-Dichloropropane	7.075	77	465591	94.717	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	388882	98.121	ug/l	90
28) Bromochloromethane	7.422	49	250035	93.825	ug/l #	73
29) Tetrahydrofuran	7.446	42	257987	520.635	ug/l #	84
30) Chloroform	7.593	83	569921	92.607	ug/l	97
31) Cyclohexane	7.875	56	449641	93.292	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	472345	93.013	ug/l	98
36) 1,1-Dichloropropene	8.005	75	422146	98.734	ug/l	96
37) Ethyl Acetate	7.169	43	185432	105.780	ug/l #	94
38) Carbon Tetrachloride	7.993	117	423892	94.311	ug/l	98
39) Methylcyclohexane	9.269	83	538676	105.594	ug/l	94
40) Benzene	8.252	78	1313860	96.750	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	101739	105.511	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	308708	95.397	ug/l	96
43) Isopropyl Acetate	8.363	43	342376	103.920	ug/l #	93
44) Trichloroethene	9.028	130	326747	96.656	ug/l	95
45) 1,2-Dichloropropane	9.305	63	321086	97.158	ug/l	96
46) Dibromomethane	9.393	93	175870	95.994	ug/l	97
47) Bromodichloromethane	9.581	83	431740	95.973	ug/l	98
48) Methyl methacrylate	9.381	41	159872	108.429	ug/l	84
49) 1,4-Dioxane	9.381	88	39724	2092.511	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	899936	535.021	ug/l	95
52) Toluene	10.328	92	848973	101.084	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	424157	102.100	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	501635	100.387	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	233382	96.702	ug/l	95
56) Ethyl methacrylate	10.593	69	317540	111.044	ug/l	91
57) 1,3-Dichloropropane	10.875	76	407896	99.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	742535	563.054	ug/l	91
59) 2-Hexanone	10.916	43	661381	563.786	ug/l	96
60) Dibromochloromethane	11.075	129	304817	96.684	ug/l	98
61) 1,2-Dibromoethane	11.175	107	219261	96.977	ug/l	95
64) Tetrachloroethene	10.804	164	279411	97.400	ug/l	96
65) Chlorobenzene	11.604	112	924259	98.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	306980	99.041	ug/l	97
67) Ethyl Benzene	11.681	91	1612494	104.556	ug/l	97
68) m/p-Xylenes	11.787	106	1267445	207.147	ug/l	94
69) o-Xylene	12.116	106	595977	106.267	ug/l	92
70) Styrene	12.134	104	1031466	104.905	ug/l	97
71) Bromoform	12.298	173	172463	98.425	ug/l #	98
73) Isopropylbenzene	12.416	105	1499159	92.025	ug/l	100
74) N-amyl acetate	12.228	43	342801	110.980	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	267687	98.118	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	161368m	87.583	ug/l	
77) Bromobenzene	12.698	156	349636	99.290	ug/l	89
78) n-propylbenzene	12.757	91	1843468	105.013	ug/l	97
79) 2-Chlorotoluene	12.845	91	993372	101.627	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	1230742	105.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	104543	108.620	ug/l	97
82) 4-Chlorotoluene	12.945	91	1030367	101.116	ug/l	97
83) tert-Butylbenzene	13.163	119	1090949	92.918	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1260466	92.630	ug/l	99
85) sec-Butylbenzene	13.340	105	1646228	105.800	ug/l	100
86) p-Isopropyltoluene	13.457	119	1418343	92.725	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	714184	97.911	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	683272	95.279	ug/l	98
89) n-Butylbenzene	13.781	91	1309350	92.800	ug/l	97
90) Hexachloroethane	14.051	117	274276	100.780	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	605028	97.053	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	36676	101.033	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	404151	102.896	ug/l	99
94) Hexachlorobutadiene	15.198	225	214861	101.356	ug/l	96
95) Naphthalene	15.328	128	764612	112.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	351810	101.825	ug/l	99

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

