

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079783.D
 Acq On : 01 Nov 2023 19:54
 Operator : JC\MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 02 06:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	282296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	493377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	450264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226157	52.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	8.171	113	175154	50.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	10.570	98	664620	51.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.853	95	207505	48.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	16569	4.873	ug/l	99
3) Chloromethane	2.359	50	24404	5.000	ug/l	100
4) Vinyl Chloride	2.512	62	23586	5.299	ug/l	95
5) Bromomethane	2.942	94	16271	6.016	ug/l	96
6) Chloroethane	3.118	64	19051m	5.417	ug/l	
7) Trichlorofluoromethane	3.494	101	29969	5.413	ug/l	90
8) Diethyl Ether	3.965	74	10715	5.100	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	17286	5.386	ug/l	99
10) Methyl Iodide	4.594	142	16730	4.565	ug/l	92
11) Tert butyl alcohol	5.524	59	14780	26.921	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	16072	5.289	ug/l	86
13) Acrolein	4.189	56	12977	27.626	ug/l	97
14) Allyl chloride	5.030	41	25566	5.493	ug/l #	91
15) Acrylonitrile	5.724	53	44368	25.932	ug/l	98
16) Acetone	4.436	43	37928	25.106	ug/l	90
17) Carbon Disulfide	4.706	76	45487	5.190	ug/l	99
18) Methyl Acetate	5.030	43	37861	5.238	ug/l #	82
20) Methylene Chloride	5.283	84	20334	5.334	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	17837	5.263	ug/l	98
22) Diisopropyl ether	6.677	45	56920	5.278	ug/l #	89
23) Vinyl Acetate	6.606	43	139240	23.405	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	35721	5.449	ug/l	95
25) 2-Butanone	7.488	43	58475	26.432	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	26175	4.828	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	19828	4.891	ug/l	82
28) Bromochloromethane	7.812	49	17834	5.582	ug/l #	76
29) Tetrahydrofuran	7.841	42	36741	25.527	ug/l #	74
30) Chloroform	7.965	83	38317	5.381	ug/l	89
31) Cyclohexane	8.253	56	34530	6.076	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	31999	5.515	ug/l	87
36) 1,1-Dichloropropene	8.377	75	25978	5.210	ug/l	95
37) Ethyl Acetate	7.559	43	23794	5.204	ug/l #	92
38) Carbon Tetrachloride	8.365	117	26517	5.277	ug/l	90
40) Benzene	8.606	78	78691	5.269	ug/l	100
41) Methacrylonitrile	7.782	41	12241	5.041	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	29772	5.707	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.694	43	38072	4.748	ug/l #	92
44) Trichloroethene	9.353	130	18941	5.111	ug/l	89
45) 1,2-Dichloropropane	9.624	63	21410	5.610	ug/l	94
46) Dibromomethane	9.712	93	14070	5.399	ug/l	97
47) Bromodichloromethane	9.894	83	28628	5.151	ug/l #	96
48) Methyl methacrylate	9.688	41	16600	4.726	ug/l	86
49) 1,4-Dioxane	9.694	88	6155	99.171	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	117709	26.073	ug/l	87
52) Toluene	10.635	92	49472	5.588	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	19771	5.552	ug/l	92
56) Ethyl methacrylate	10.876	69	23166	4.561	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	34097	5.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	57717	22.420	ug/l	90
59) 2-Hexanone	11.200	43	84159	24.368	ug/l	85
60) Dibromochloromethane	11.365	129	19593	5.140	ug/l	99
61) 1,2-Dibromoethane	11.470	107	18535	5.186	ug/l	95
64) Tetrachloroethene	11.106	164	16944	5.810	ug/l	96
65) Chlorobenzene	11.894	112	51237	5.246	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	17824	5.065	ug/l	97
68) m/p-Xylenes	12.076	106	61483	9.699	ug/l	99
69) o-Xylene	12.400	106	29182	4.781	ug/l	96
70) Styrene	12.417	104	45328	4.621	ug/l	99
71) Bromoform	12.582	173	12329	4.934	ug/l #	95
73) Isopropylbenzene	12.700	105	70519	4.735	ug/l	98
74) N-amyl acetate	12.494	43	28887	4.443	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	29045	5.500	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	24861m	5.396	ug/l	
77) Bromobenzene	12.988	156	18974	5.203	ug/l	94
78) n-propylbenzene	13.041	91	85045	4.986	ug/l	95
79) 2-Chlorotoluene	13.129	91	54711	5.021	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	57792	4.987	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	6920	4.086	ug/l #	74
82) 4-Chlorotoluene	13.229	91	55265	5.104	ug/l	94
83) tert-Butylbenzene	13.441	119	45663	4.814	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	53774	4.716	ug/l	99
85) sec-Butylbenzene	13.617	105	63460	4.829	ug/l	99
86) p-Isopropyltoluene	13.735	119	48961	4.570	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	33507	4.939	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	34493	5.009	ug/l	93
89) n-Butylbenzene	14.059	91	40708	4.411	ug/l	97
90) Hexachloroethane	14.335	117	10641	5.015	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	32664	5.101	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5030	5.617	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	13230	4.345	ug/l	97
94) Hexachlorobutadiene	15.505	225	7093	5.139	ug/l	96
95) Naphthalene	15.647	128	37147	3.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	13335	4.468	ug/l	97

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

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