

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083306.D
 Acq On : 14 Aug 2024 17:16
 Operator : JC\MD
 Sample : P3390-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 15 00:57:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 00:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	157613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	239606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	127233	56.713	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.420%			
35) Dibromofluoromethane	8.165	113	91519	52.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	10.570	98	338155	51.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.847	95	127085	50.114	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	8657	4.843	ug/l	98
3) Chloromethane	2.365	50	9602	5.247	ug/l	99
4) Vinyl Chloride	2.512	62	9858	5.280	ug/l #	87
5) Bromomethane	2.947	94	5973	5.155	ug/l	94
6) Chloroethane	3.112	64	6711	5.745	ug/l	94
7) Trichlorofluoromethane	3.488	101	17288	5.605	ug/l	100
8) Diethyl Ether	3.965	74	5743	5.003	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	9194	5.406	ug/l	96
10) Methyl Iodide	4.588	142	8631	3.858	ug/l	91
11) Tert butyl alcohol	5.535	59	11367	24.381	ug/l	95
12) 1,1-Dichloroethene	4.335	96	8618	4.933	ug/l	97
13) Acrolein	4.182	56	6451	21.230	ug/l	92
14) Allyl chloride	5.024	41	14989	4.540	ug/l	92
15) Acrylonitrile	5.729	53	25154	26.233	ug/l	99
16) Acetone	4.435	43	22644	25.795	ug/l	97
17) Carbon Disulfide	4.706	76	23329	4.563	ug/l	97
18) Methyl Acetate	5.029	43	14147	5.409	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	32055	5.083	ug/l	96
20) Methylene Chloride	5.277	84	11185	5.536	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	9069	5.022	ug/l	90
22) Diisopropyl ether	6.671	45	31498	5.075	ug/l #	91
23) Vinyl Acetate	6.606	43	169910	26.710	ug/l	96
24) 1,1-Dichloroethane	6.559	63	17745	5.246	ug/l	97
25) 2-Butanone	7.488	43	34390	25.513	ug/l	100
26) 2,2-Dichloropropane	7.488	77	14703	4.680	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	11317	5.194	ug/l	91
28) Bromochloromethane	7.812	49	7865	5.689	ug/l #	80
29) Tetrahydrofuran	7.841	42	22232	25.515	ug/l	90
30) Chloroform	7.970	83	18688	5.317	ug/l	100
31) Cyclohexane	8.253	56	18855	5.671	ug/l #	89
32) 1,1,1-Trichloroethane	8.170	97	17278	5.194	ug/l #	51
36) 1,1-Dichloropropene	8.376	75	13345	5.059	ug/l	98
37) Ethyl Acetate	7.565	43	15457	5.233	ug/l	98
38) Carbon Tetrachloride	8.359	117	14763	4.969	ug/l	97
39) Methylcyclohexane	9.600	83	15761	4.865	ug/l	96
40) Benzene	8.606	78	40312	5.130	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	7173	4.271	ug/l	90
42) 1,2-Dichloroethane	8.670	62	15435	5.392	ug/l	99
43) Isopropyl Acetate	8.688	43	26629	3.935	ug/l	97
44) Trichloroethene	9.353	130	9677	5.174	ug/l	98
45) 1,2-Dichloropropane	9.623	63	9794	5.251	ug/l	95
46) Dibromomethane	9.712	93	7096	5.315	ug/l	98
47) Bromodichloromethane	9.888	83	14989	5.000	ug/l	92
48) Methyl methacrylate	9.682	41	11658	4.774	ug/l	94
49) 1,4-Dioxane	9.700	88	4616	104.782	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	72291	25.883	ug/l	95
52) Toluene	10.629	92	25054	5.046	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	13625	4.424	ug/l	99
54) cis-1,3-Dichloropropene	10.317	75	14944	4.562	ug/l #	84
55) 1,1,2-Trichloroethane	11.017	97	9384	5.274	ug/l	95
56) Ethyl methacrylate	10.876	69	15238	4.543	ug/l	90
57) 1,3-Dichloropropane	11.164	76	16685	5.261	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	32298	22.778	ug/l	97
59) 2-Hexanone	11.200	43	51823	23.984	ug/l	92
60) Dibromochloromethane	11.358	129	10747	4.996	ug/l	93
61) 1,2-Dibromoethane	11.470	107	9417	5.038	ug/l	92
64) Tetrachloroethene	11.106	164	8734	5.504	ug/l	90
65) Chlorobenzene	11.888	112	26239	4.955	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	9161	4.906	ug/l	96
67) Ethyl Benzene	11.964	91	47751	4.916	ug/l	96
68) m/p-Xylenes	12.070	106	35241	9.685	ug/l	100
69) o-Xylene	12.400	106	16732	4.662	ug/l	99
70) Styrene	12.411	104	26911	4.465	ug/l	96
71) Bromoform	12.576	173	6423	4.540	ug/l #	100
73) Isopropylbenzene	12.694	105	43653	4.852	ug/l	99
74) N-amyl acetate	12.494	43	19905	4.523	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	13596	5.343	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	13068m	5.535	ug/l	
77) Bromobenzene	12.976	156	10494	5.251	ug/l	97
78) n-propylbenzene	13.035	91	50751	4.899	ug/l	99
79) 2-Chlorotoluene	13.123	91	33531	5.105	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	36932	4.903	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	4789m	4.413	ug/l	
82) 4-Chlorotoluene	13.223	91	31540	4.787	ug/l	99
83) tert-Butylbenzene	13.441	119	32701	4.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	36570	4.818	ug/l	100
85) sec-Butylbenzene	13.617	105	44302	4.867	ug/l	99
86) p-Isopropyltoluene	13.729	119	34700	4.617	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	18457	4.908	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	18944	4.997	ug/l	92
89) n-Butylbenzene	14.058	91	29135	4.474	ug/l	99
90) Hexachloroethane	14.335	117	6501	4.477	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	18152	4.988	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2833	4.588	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	9040	4.434	ug/l	97
94) Hexachlorobutadiene	15.499	225	3855	4.252	ug/l	94
95) Naphthalene	15.641	128	29894	4.139	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	9273	4.597	ug/l	91

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

