

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084253.D
 Acq On : 01 Oct 2024 20:42
 Operator : JC\MD
 Sample : P4226-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20240924MS

Quant Time: Oct 02 02:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/02/2024
 Supervised By : Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115944	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	119296	52.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.380%
35) Dibromofluoromethane	8.165	113	92822	53.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.100%
50) Toluene-d8	10.565	98	350844	54.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.847	95	125043	53.320	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	90428	49.592	ug/l	97
3) Chloromethane	2.359	50	104076	49.988	ug/l	98
4) Vinyl Chloride	2.518	62	101436	50.297	ug/l	97
5) Bromomethane	2.948	94	61601	46.307	ug/l	96
6) Chloroethane	3.118	64	64587	44.717	ug/l	90
7) Trichlorofluoromethane	3.495	101	159903	50.917	ug/l	98
8) Diethyl Ether	3.959	74	56767	48.738	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	91219	50.693	ug/l	99
10) Methyl Iodide	4.589	142	117776	50.824	ug/l	96
11) Tert butyl alcohol	5.524	59	89977	238.739	ug/l	99
12) 1,1-Dichloroethene	4.342	96	88822	51.174	ug/l	96
13) Acrolein	4.177	56	106906	247.084	ug/l	99
14) Allyl chloride	5.024	41	141603	46.975	ug/l	100
15) Acrylonitrile	5.718	53	243418	255.761	ug/l	99
16) Acetone	4.424	43	202276	206.012	ug/l	99
17) Carbon Disulfide	4.712	76	255717	46.533	ug/l	99
18) Methyl Acetate	5.024	43	101553	47.454	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	300874	51.359	ug/l	96
20) Methylene Chloride	5.271	84	100609	50.407	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	91191	50.148	ug/l	92
22) Diisopropyl ether	6.671	45	326759	52.406	ug/l	98
23) Vinyl Acetate	6.600	43	1115647	241.242	ug/l	99
24) 1,1-Dichloroethane	6.565	63	183226	52.548	ug/l	100
25) 2-Butanone	7.483	43	328612	245.724	ug/l	99
26) 2,2-Dichloropropane	7.489	77	129181	41.089	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	113266	51.546	ug/l	98
28) Bromochloromethane	7.812	49	70561	45.355	ug/l	99
29) Tetrahydrofuran	7.836	42	217145	263.116	ug/l	100
30) Chloroform	7.965	83	189702	52.376	ug/l	99
31) Cyclohexane	8.259	56	156476	46.219	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	168815	51.897	ug/l	99
36) 1,1-Dichloropropene	8.371	75	130198	51.229	ug/l	100
37) Ethyl Acetate	7.559	43	121993	46.788	ug/l	99
38) Carbon Tetrachloride	8.359	117	145765	52.285	ug/l	98
39) Methylcyclohexane	9.600	83	143186	50.621	ug/l	99
40) Benzene	8.606	78	416339	52.579	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73914	52.218	ug/l	99
42) 1,2-Dichloroethane	8.671	62	141782	52.816	ug/l	99
43) Isopropyl Acetate	8.688	43	215310	42.160	ug/l	99
44) Trichloroethene	9.353	130	157835	85.343	ug/l	98
45) 1,2-Dichloropropane	9.618	63	100641	53.727	ug/l	100
46) Dibromomethane	9.712	93	69631	55.084	ug/l	99
47) Bromodichloromethane	9.888	83	150138	53.460	ug/l	98
48) Methyl methacrylate	9.677	41	106893	52.580	ug/l	99
49) 1,4-Dioxane	9.694	88	39924	1066.716	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	672575	270.973	ug/l	99
52) Toluene	10.629	92	254454	52.697	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	142571	49.802	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	150902	49.006	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	93859	54.222	ug/l	98
56) Ethyl methacrylate	10.871	69	154309	54.175	ug/l	99
57) 1,3-Dichloropropane	11.165	76	162264	52.460	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.306	63	834	0.631	ug/l #	48
59) 2-Hexanone	11.194	43	491206	264.782	ug/l	100
60) Dibromochloromethane	11.359	129	110285	53.922	ug/l	99
61) 1,2-Dibromoethane	11.471	107	92590	51.477	ug/l	99
64) Tetrachloroethene	11.100	164	83539	50.796	ug/l	98
65) Chlorobenzene	11.888	112	269365	51.451	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	95179	52.782	ug/l	99
67) Ethyl Benzene	11.965	91	485365	52.423	ug/l	100
68) m/p-Xylenes	12.071	106	366368	106.975	ug/l	99
69) o-Xylene	12.400	106	178311	55.030	ug/l	99
70) Styrene	12.412	104	304448	55.471	ug/l	99
71) Bromoform	12.576	173	71131	53.578	ug/l #	98
73) Isopropylbenzene	12.694	105	449041	50.753	ug/l	100
74) N-ethyl acetate	12.494	43	185598	46.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	132089	49.650	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	113882m	48.112	ug/l	
77) Bromobenzene	12.976	156	106847	50.065	ug/l	97
78) n-propylbenzene	13.035	91	536489	52.336	ug/l	99
79) 2-Chlorotoluene	13.123	91	333006	50.910	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	383533	53.142	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43862	44.426	ug/l	98
82) 4-Chlorotoluene	13.218	91	335310	50.922	ug/l	100
83) tert-Butylbenzene	13.435	119	327464	51.050	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	392364	53.967	ug/l	98
85) sec-Butylbenzene	13.618	105	445109	52.000	ug/l	99
86) p-Isopropyltoluene	13.729	119	370274	52.312	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	198143	49.491	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	197329	48.806	ug/l	99
89) n-Butylbenzene	14.053	91	310212	48.333	ug/l	99
90) Hexachloroethane	14.329	117	69572	48.423	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	192543	49.046	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26081	47.507	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	88885	45.968	ug/l	98
94) Hexachlorobutadiene	15.500	225	39479	40.941	ug/l	99
95) Naphthalene	15.641	128	289906	45.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	87476	45.194	ug/l	99

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

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