

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085289.D
 Acq On : 23 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

Quant Time: Dec 24 04:07:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	179344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	307566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	262876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120533	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	136190	43.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.900%
35) Dibromofluoromethane	8.165	113	100299	46.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	10.565	98	381215	48.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.841	95	120359	42.637	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	51314	17.961	ug/l	95
3) Chloromethane	2.359	50	49796	18.285	ug/l	99
4) Vinyl Chloride	2.518	62	50295	19.712	ug/l	98
5) Bromomethane	2.971	94	29814	17.812	ug/l	97
6) Chloroethane	3.130	64	30998	19.288	ug/l	99
7) Trichlorofluoromethane	3.500	101	70031	16.996	ug/l	98
8) Diethyl Ether	3.965	74	22290	17.223	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	40731	18.431	ug/l	98
10) Methyl Iodide	4.589	142	43744	17.361	ug/l	92
11) Tert butyl alcohol	5.506	59	24706	56.739	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37048	18.099	ug/l	92
13) Acrolein	4.177	56	55105	109.892	ug/l	98
14) Allyl chloride	5.024	41	57765	16.295	ug/l	97
15) Acrylonitrile	5.712	53	86828	73.212	ug/l	98
16) Acetone	4.424	43	72358	66.873	ug/l #	85
17) Carbon Disulfide	4.712	76	113798	16.290	ug/l	98
18) Methyl Acetate	5.012	43	44115	14.401	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	111609	15.907	ug/l	97
20) Methylene Chloride	5.271	84	41881	17.695	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	38442	17.033	ug/l	98
22) Diisopropyl ether	6.665	45	135033	17.855	ug/l	96
23) Vinyl Acetate	6.600	43	462777	79.192	ug/l	97
24) 1,1-Dichloroethane	6.565	63	77534	17.699	ug/l	98
25) 2-Butanone	7.477	43	109471	66.065	ug/l	98
26) 2,2-Dichloropropane	7.483	77	67543	16.651	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	44678	17.003	ug/l	99
28) Bromochloromethane	7.812	49	45603	20.641	ug/l	99
29) Tetrahydrofuran	7.830	42	74405	69.659	ug/l	99
30) Chloroform	7.965	83	77958	16.664	ug/l	99
31) Cyclohexane	8.253	56	70619	17.413	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68546	16.439	ug/l	97
36) 1,1-Dichloropropene	8.365	75	54087	17.963	ug/l	99
37) Ethyl Acetate	7.559	43	48324	13.912	ug/l	98
38) Carbon Tetrachloride	8.353	117	60254	16.551	ug/l	100
39) Methylcyclohexane	9.600	83	55635	17.757	ug/l	93
40) Benzene	8.600	78	167691	17.902	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26076	14.730	ug/l	96
42) 1,2-Dichloroethane	8.671	62	59324	16.627	ug/l	98
43) Isopropyl Acetate	8.682	43	80871	12.731	ug/l	96
44) Trichloroethene	9.347	130	36736	17.616	ug/l	99
45) 1,2-Dichloropropane	9.618	63	41305	17.810	ug/l	95
46) Dibromomethane	9.700	93	28109	16.978	ug/l	99
47) Bromodichloromethane	9.882	83	59955	16.902	ug/l	94
48) Methyl methacrylate	9.677	41	37263	14.310	ug/l	97
49) 1,4-Dioxane	9.688	88	11194	272.647	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	234804	70.348	ug/l	100
52) Toluene	10.624	92	99833	17.725	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	58009	16.777	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	64115	17.441	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	36305	17.215	ug/l	99
56) Ethyl methacrylate	10.871	69	50326	14.226	ug/l	99
57) 1,3-Dichloropropane	11.159	76	64006	17.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	122654	75.994	ug/l	100
59) 2-Hexanone	11.188	43	160046	67.267	ug/l	99
60) Dibromochloromethane	11.353	129	41369	16.551	ug/l	98
61) 1,2-Dibromoethane	11.465	107	34788	16.015	ug/l	97
64) Tetrachloroethene	11.100	164	33703	19.053	ug/l	94
65) Chlorobenzene	11.888	112	107807	18.244	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.953	131	37689	18.282	ug/l	96
67) Ethyl Benzene	11.959	91	179379	17.711	ug/l	100
68) m/p-Xylenes	12.065	106	139162	36.737	ug/l	97
69) o-Xylene	12.394	106	63965	17.965	ug/l	97
70) Styrene	12.406	104	107083	18.015	ug/l	97
71) Bromoform	12.576	173	25621	15.855	ug/l #	99
73) Isopropylbenzene	12.694	105	159310	18.322	ug/l	100
74) N-amyl acetate	12.488	43	65238	15.022	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	48954	15.802	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	48868m	17.009	ug/l	
77) Bromobenzene	12.976	156	38707	16.955	ug/l	96
78) n-propylbenzene	13.029	91	194658	18.254	ug/l	100
79) 2-Chlorotoluene	13.117	91	119545	17.657	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	137030	18.894	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16273m	15.039	ug/l	
82) 4-Chlorotoluene	13.217	91	120323	17.562	ug/l	98
83) tert-Butylbenzene	13.435	119	110671	17.994	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	136564	18.422	ug/l	98
85) sec-Butylbenzene	13.612	105	161694	18.857	ug/l	100
86) p-Isopropyltoluene	13.723	119	131186	17.142	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	74210	17.652	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	75152	17.276	ug/l	98
89) n-Butylbenzene	14.053	91	108194	17.157	ug/l	100
90) Hexachloroethane	14.329	117	26659	16.924	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	69887	17.873	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	8338	14.034	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	31626	15.800	ug/l	98
94) Hexachlorobutadiene	15.494	225	15805	15.192	ug/l	95
95) Naphthalene	15.629	128	82661	12.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	30513	15.262	ug/l	98

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

