

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084998.D
 Acq On : 21 Nov 2024 16:45
 Operator : JC\MD
 Sample : VN1121WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Quant Time: Nov 22 04:35:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	258963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114991	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	110862	49.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.600%
35) Dibromofluoromethane	8.159	113	89596	51.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	10.565	98	307545	47.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.847	95	117875	48.846	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	28336	15.992	ug/l	96
3) Chloromethane	2.359	50	30744	12.918	ug/l	97
4) Vinyl Chloride	2.512	62	29499	15.479	ug/l	99
5) Bromomethane	2.901	94	16748	16.587	ug/l	99
6) Chloroethane	3.065	64	21583	17.386	ug/l	89
7) Trichlorofluoromethane	3.465	101	55533	17.690	ug/l	100
8) Diethyl Ether	3.953	74	19701	17.790	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	33184	18.707	ug/l	96
10) Methyl Iodide	4.577	142	38669	16.311	ug/l	97
11) Tert butyl alcohol	5.542	59	35340	120.266	ug/l	98
12) 1,1-Dichloroethene	4.324	96	27233	15.515	ug/l	95
13) Acrolein	4.171	56	23735	81.002	ug/l	96
14) Allyl chloride	5.012	41	50945	17.897	ug/l	90
15) Acrylonitrile	5.718	53	88824	104.415	ug/l	99
16) Acetone	4.430	43	70486	107.990	ug/l	98
17) Carbon Disulfide	4.695	76	67320	12.454	ug/l	97
18) Methyl Acetate	5.012	43	48958	18.312	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	105860	19.677	ug/l	99
20) Methylene Chloride	5.265	84	34996	17.874	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	29403	16.314	ug/l	93
22) Diisopropyl ether	6.671	45	108238	19.136	ug/l	96
23) Vinyl Acetate	6.600	43	393116	100.786	ug/l	99
24) 1,1-Dichloroethane	6.559	63	62917	18.528	ug/l	95
25) 2-Butanone	7.483	43	115459	111.170	ug/l	97
26) 2,2-Dichloropropane	7.483	77	56201	19.015	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	37773	17.949	ug/l	98
28) Bromochloromethane	7.818	49	26462	19.559	ug/l	95
29) Tetrahydrofuran	7.841	42	74522	108.158	ug/l	96
30) Chloroform	7.959	83	64875	18.770	ug/l	100
31) Cyclohexane	8.253	56	50509	16.434	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60317	19.174	ug/l	95
36) 1,1-Dichloropropene	8.365	75	41708	17.157	ug/l	100
37) Ethyl Acetate	7.553	43	47667	21.611	ug/l	100
38) Carbon Tetrachloride	8.359	117	51661	19.012	ug/l	97
39) Methylcyclohexane	9.594	83	41075	16.609	ug/l	94
40) Benzene	8.600	78	139038	17.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25306	21.335	ug/l	96
42) 1,2-Dichloroethane	8.665	62	49275	19.489	ug/l	100
43) Isopropyl Acetate	8.688	43	89042	21.298	ug/l	98
44) Trichloroethene	9.347	130	31910	17.723	ug/l	98
45) 1,2-Dichloropropane	9.618	63	34797	19.000	ug/l	97
46) Dibromomethane	9.706	93	25233	19.526	ug/l	98
47) Bromodichloromethane	9.888	83	52647	19.327	ug/l #	96
48) Methyl methacrylate	9.677	41	36398	21.204	ug/l	99
49) 1,4-Dioxane	9.694	88	13569	446.070	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	238130	113.253	ug/l	100
52) Toluene	10.629	92	86676	18.983	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	49891	17.694	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55110	18.466	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	35205	20.469	ug/l	93
56) Ethyl methacrylate	10.871	69	52078	20.933	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57469	19.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	111828	96.061	ug/l	98
59) 2-Hexanone	11.194	43	177051	115.684	ug/l	99
60) Dibromochloromethane	11.359	129	40410	20.615	ug/l	97
61) 1,2-Dibromoethane	11.471	107	34339	19.496	ug/l	99
64) Tetrachloroethene	11.100	164	26302	17.546	ug/l	99
65) Chlorobenzene	11.888	112	90710	17.992	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	34992	19.954	ug/l	99
67) Ethyl Benzene	11.965	91	153382	18.226	ug/l	99
68) m/p-Xylenes	12.071	106	118552	37.210	ug/l	98
69) o-Xylene	12.394	106	58885	19.757	ug/l	99
70) Styrene	12.412	104	97931	18.836	ug/l	98
71) Bromoform	12.576	173	26248	19.892	ug/l #	98
73) Isopropylbenzene	12.694	105	150369	18.660	ug/l	99
74) N-amyl acetate	12.494	43	64055	18.676	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	52309	19.447	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48159m	20.951	ug/l	
77) Bromobenzene	12.982	156	36455	16.828	ug/l	99
78) n-propylbenzene	13.035	91	167227	17.709	ug/l	98
79) 2-Chlorotoluene	13.123	91	108273	17.548	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	125905	18.851	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16778	17.317	ug/l	88
82) 4-Chlorotoluene	13.223	91	110479	17.014	ug/l	99
83) tert-Butylbenzene	13.435	119	103072	18.647	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	126064	18.288	ug/l	99
85) sec-Butylbenzene	13.618	105	140577	18.004	ug/l	100
86) p-Isopropyltoluene	13.729	119	116339	18.168	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	68366	16.171	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66546	16.427	ug/l	98
89) n-Butylbenzene	14.059	91	92685	15.473	ug/l	99
90) Hexachloroethane	14.329	117	25155	17.615	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	68476	16.855	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10922	20.044	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	32566	14.645	ug/l	98
94) Hexachlorobutadiene	15.494	225	15921	16.304	ug/l	98
95) Naphthalene	15.641	128	103478	15.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32807	15.199	ug/l	99

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

