

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085343.D
 Acq On : 30 Dec 2024 14:25
 Operator : JC\MD
 Sample : VN1230WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

Quant Time: Dec 31 02:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125417	53.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.980%
35) Dibromofluoromethane	8.165	113	95110	52.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.565	98	341164	51.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.847	95	115786	52.127	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45145	20.306	ug/l	96
3) Chloromethane	2.360	50	45361	18.154	ug/l	93
4) Vinyl Chloride	2.512	62	45574	17.246	ug/l	100
5) Bromomethane	2.954	94	28729	16.623	ug/l	93
6) Chloroethane	3.124	64	30230	18.039	ug/l	98
7) Trichlorofluoromethane	3.501	101	65933	18.981	ug/l	100
8) Diethyl Ether	3.965	74	23833	20.721	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	38727	19.593	ug/l	98
10) Methyl Iodide	4.589	142	44778	19.576	ug/l	97
11) Tert butyl alcohol	5.524	59	40103	136.596	ug/l	99
12) 1,1-Dichloroethene	4.336	96	34012	18.619	ug/l	94
13) Acrolein	4.177	56	52672	115.074	ug/l	100
14) Allyl chloride	5.018	41	54422	18.615	ug/l	98
15) Acrylonitrile	5.718	53	110982	120.106	ug/l	99
16) Acetone	4.424	43	97531	126.506	ug/l	98
17) Carbon Disulfide	4.712	76	98561	17.736	ug/l	99
18) Methyl Acetate	5.030	43	59792	25.332	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	124006	20.885	ug/l	99
20) Methylene Chloride	5.277	84	42857	20.667	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	35748	18.734	ug/l	94
22) Diisopropyl ether	6.671	45	135205	21.461	ug/l	95
23) Vinyl Acetate	6.600	43	502027	110.151	ug/l	99
24) 1,1-Dichloroethane	6.571	63	74848	19.722	ug/l	98
25) 2-Butanone	7.483	43	155103	129.678	ug/l	97
26) 2,2-Dichloropropane	7.489	77	62568	18.818	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	44047	19.667	ug/l	95
28) Bromochloromethane	7.812	49	36608	20.757	ug/l #	100
29) Tetrahydrofuran	7.841	42	101543	131.798	ug/l	97
30) Chloroform	7.965	83	77502	19.962	ug/l	99
31) Cyclohexane	8.259	56	62563	18.053	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66572	19.199	ug/l	94
36) 1,1-Dichloropropene	8.365	75	50384	18.880	ug/l	99
37) Ethyl Acetate	7.559	43	61664	23.248	ug/l	100
38) Carbon Tetrachloride	8.365	117	56937	19.574	ug/l	93
39) Methylcyclohexane	9.600	83	51305	18.530	ug/l	99
40) Benzene	8.606	78	164562	20.396	ug/l	99

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41) Methacrylonitrile	7.777	41	33082	24.353	ug/l	98
42) 1,2-Dichloroethane	8.671	62	59826	20.681	ug/l	99
43) Isopropyl Acetate	8.688	43	106965	24.491	ug/l	98
44) Trichloroethene	9.353	130	36451	19.082	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41737	20.377	ug/l	98
46) Dibromomethane	9.706	93	30830	21.643	ug/l	99
47) Bromodichloromethane	9.888	83	61560	20.793	ug/l #	99
48) Methyl methacrylate	9.683	41	46547	24.561	ug/l	97
49) 1,4-Dioxane	9.688	88	17280	604.336	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	318442	129.744	ug/l	100
52) Toluene	10.630	92	97662	20.329	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59559	20.456	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64846	20.597	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	39290	21.662	ug/l	94
56) Ethyl methacrylate	10.871	69	60563	22.926	ug/l	96
57) 1,3-Dichloropropane	11.159	76	69454	21.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	129546	101.360	ug/l	98
59) 2-Hexanone	11.194	43	233940	137.380	ug/l	99
60) Dibromochloromethane	11.359	129	45233	22.141	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39093	21.785	ug/l	99
64) Tetrachloroethene	11.100	164	31941	19.779	ug/l	88
65) Chlorobenzene	11.888	112	106036	19.253	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38196	20.664	ug/l	100
67) Ethyl Benzene	11.965	91	179367	19.584	ug/l	97
68) m/p-Xylenes	12.071	106	137099	40.903	ug/l	100
69) o-Xylene	12.400	106	63589	19.611	ug/l	94
70) Styrene	12.412	104	110639	21.054	ug/l	100
71) Bromoform	12.576	173	29153	22.772	ug/l #	99
73) Isopropylbenzene	12.694	105	165050	19.542	ug/l	100
74) N-amyl acetate	12.494	43	83946	23.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	59699	22.193	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49567m	22.600	ug/l	
77) Bromobenzene	12.982	156	40878	19.535	ug/l	98
78) n-propylbenzene	13.035	91	198704	20.183	ug/l	100
79) 2-Chlorotoluene	13.124	91	122848	19.827	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	138695	20.302	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19567	21.365	ug/l	94
82) 4-Chlorotoluene	13.218	91	125174	20.059	ug/l	98
83) tert-Butylbenzene	13.435	119	111505	18.842	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	138052	20.294	ug/l	98
85) sec-Butylbenzene	13.618	105	159891	19.465	ug/l	100
86) p-Isopropyltoluene	13.729	119	131413	18.690	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	74234	19.569	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74888	19.219	ug/l	100
89) n-Butylbenzene	14.059	91	108253	17.997	ug/l	99
90) Hexachloroethane	14.335	117	27227	20.221	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	72323	20.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11727	24.495	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	33168	18.391	ug/l	96
94) Hexachlorobutadiene	15.500	225	16097	17.964	ug/l	98
95) Naphthalene	15.641	128	111605	18.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33821	18.769	ug/l	99

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

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