

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085884.D
 Acq On : 27 Feb 2025 12:51
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 01:57:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	230188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124346	41.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.340%		
35) Dibromofluoromethane	8.165	113	107802	43.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.780%		
50) Toluene-d8	10.565	98	392601	43.933	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.860%		
62) 4-Bromofluorobenzene	12.847	95	138580	47.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62015	19.807	ug/l	99
3) Chloromethane	2.359	50	59706	19.004	ug/l	99
4) Vinyl Chloride	2.512	62	63702	19.149	ug/l	98
5) Bromomethane	2.953	94	39465	18.554	ug/l	90
6) Chloroethane	3.118	64	39693	18.014	ug/l	91
7) Trichlorofluoromethane	3.495	101	95091	19.743	ug/l	97
8) Diethyl Ether	3.959	74	34831	22.351	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57781	20.754	ug/l	99
10) Methyl Iodide	4.583	142	68557	19.977	ug/l	99
11) Tert butyl alcohol	5.518	59	52775	143.782	ug/l	99
12) 1,1-Dichloroethene	4.342	96	49709	19.692	ug/l	96
13) Acrolein	4.177	56	54221	99.614	ug/l	98
14) Allyl chloride	5.018	41	65369	19.724	ug/l	92
15) Acrylonitrile	5.718	53	154455	129.441	ug/l	98
16) Acetone	4.424	43	114966	121.749	ug/l	97
17) Carbon Disulfide	4.712	76	130479	17.441	ug/l	100
18) Methyl Acetate	5.024	43	83502	25.710	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	167324	22.306	ug/l	98
20) Methylene Chloride	5.277	84	62792	20.678	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	52621	19.359	ug/l	93
22) Diisopropyl ether	6.671	45	166737	22.265	ug/l	99
23) Vinyl Acetate	6.600	43	544005	106.092	ug/l	98
24) 1,1-Dichloroethane	6.571	63	105797	20.782	ug/l	98
25) 2-Butanone	7.483	43	179301	129.066	ug/l	96
26) 2,2-Dichloropropane	7.488	77	91545	20.223	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	64516	20.471	ug/l	100
28) Bromochloromethane	7.812	49	42841	20.475	ug/l	98
29) Tetrahydrofuran	7.841	42	117264	130.717	ug/l	96
30) Chloroform	7.959	83	111774	21.010	ug/l	99
31) Cyclohexane	8.253	56	75399	17.689	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	94985	20.073	ug/l	98
36) 1,1-Dichloropropene	8.371	75	71060	20.442	ug/l	98
37) Ethyl Acetate	7.559	43	72606	25.381	ug/l	99
38) Carbon Tetrachloride	8.365	117	87061	21.078	ug/l	99
39) Methylcyclohexane	9.600	83	63606	18.626	ug/l	97
40) Benzene	8.606	78	239019	21.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37911	24.790	ug/l	95
42) 1,2-Dichloroethane	8.671	62	75573	20.825	ug/l	98
43) Isopropyl Acetate	8.683	43	117411	23.093	ug/l	99
44) Trichloroethene	9.353	130	53987	19.735	ug/l	100
45) 1,2-Dichloropropane	9.618	63	59147	21.993	ug/l	100
46) Dibromomethane	9.706	93	42101	22.194	ug/l	98
47) Bromodichloromethane	9.888	83	89090	21.952	ug/l	94
48) Methyl methacrylate	9.677	41	50389	23.718	ug/l	95
49) 1,4-Dioxane	9.694	88	26249	649.723	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	373829	135.539	ug/l	98
52) Toluene	10.629	92	146844	22.484	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83747	22.316	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	92556	22.491	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	60167	23.171	ug/l	97
56) Ethyl methacrylate	10.871	69	83526	24.021	ug/l	94
57) 1,3-Dichloropropane	11.159	76	99189	22.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	156954	125.168	ug/l	98
59) 2-Hexanone	11.194	43	269806	142.197	ug/l	97
60) Dibromochloromethane	11.359	129	71996	23.811	ug/l	99
61) 1,2-Dibromoethane	11.471	107	58510	23.848	ug/l	100
64) Tetrachloroethene	11.100	164	51698	19.977	ug/l	96
65) Chlorobenzene	11.888	112	161865	21.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	60800	22.104	ug/l	99
67) Ethyl Benzene	11.965	91	252524	21.066	ug/l	99
68) m/p-Xylenes	12.071	106	205037	45.030	ug/l	99
69) o-Xylene	12.394	106	95435	22.056	ug/l	99
70) Styrene	12.412	104	167610	22.298	ug/l	100
71) Bromoform	12.576	173	50566	24.741	ug/l #	97
73) Isopropylbenzene	12.694	105	233557	19.842	ug/l	99
74) N-amyl acetate	12.494	43	91979	22.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	91325	22.547	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	73845m	19.349	ug/l	
77) Bromobenzene	12.976	156	65002	20.440	ug/l	93
78) n-propylbenzene	13.035	91	281914	20.913	ug/l	100
79) 2-Chlorotoluene	13.123	91	183470	20.370	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	207931	21.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30187m	23.078	ug/l	
82) 4-Chlorotoluene	13.218	91	188247	21.083	ug/l	100
83) tert-Butylbenzene	13.435	119	160596	19.917	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	206876	21.807	ug/l	100
85) sec-Butylbenzene	13.618	105	231402	20.312	ug/l	98
86) p-Isopropyltoluene	13.729	119	193157	19.816	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	121843	20.450	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	124808	20.438	ug/l	99
89) n-Butylbenzene	14.053	91	149026	18.425	ug/l	99
90) Hexachloroethane	14.335	117	42150	19.536	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	118607	20.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16811	22.602	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	53352	19.542	ug/l	100
94) Hexachlorobutadiene	15.500	225	30618	18.453	ug/l	98
95) Naphthalene	15.641	128	153248	20.446	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	54499	19.884	ug/l	98

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

