

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085883.D
 Acq On : 27 Feb 2025 12:17
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Quant Time: Feb 28 01:57:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146535	43.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	8.165	113	128365	46.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	10.565	98	478989	47.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.847	95	167817	50.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	64715	18.135	ug/l	100
3) Chloromethane	2.359	50	62114	17.346	ug/l	99
4) Vinyl Chloride	2.506	62	66090	17.432	ug/l	99
5) Bromomethane	2.953	94	40237	16.598	ug/l	91
6) Chloroethane	3.118	64	42346	16.862	ug/l	93
7) Trichlorofluoromethane	3.495	101	99097	18.053	ug/l	99
8) Diethyl Ether	3.959	74	34259	19.289	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	61268	19.309	ug/l	98
10) Methyl Iodide	4.589	142	70687	18.073	ug/l	97
11) Tert butyl alcohol	5.518	59	50017	119.564	ug/l	99
12) 1,1-Dichloroethene	4.336	96	52754	18.336	ug/l	99
13) Acrolein	4.183	56	47428	76.453	ug/l	95
14) Allyl chloride	5.024	41	67682	17.918	ug/l	93
15) Acrylonitrile	5.718	53	152688	112.274	ug/l	97
16) Acetone	4.424	43	122018	113.377	ug/l	98
17) Carbon Disulfide	4.706	76	138131	16.200	ug/l	100
18) Methyl Acetate	5.030	43	81293	21.961	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	170471	19.940	ug/l	95
20) Methylene Chloride	5.277	84	64687	18.690	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	56613	18.275	ug/l	92
22) Diisopropyl ether	6.671	45	168186	19.705	ug/l #	96
23) Vinyl Acetate	6.600	43	545402	93.326	ug/l	99
24) 1,1-Dichloroethane	6.565	63	110091	18.974	ug/l	98
25) 2-Butanone	7.483	43	181299	114.506	ug/l	94
26) 2,2-Dichloropropane	7.488	77	96021	18.611	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	67178	18.702	ug/l	99
28) Bromochloromethane	7.812	49	55976	23.473	ug/l	98
29) Tetrahydrofuran	7.835	42	116728	114.169	ug/l	97
30) Chloroform	7.959	83	118263	19.504	ug/l	95
31) Cyclohexane	8.259	56	81812	16.841	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	102796	19.061	ug/l	96
36) 1,1-Dichloropropene	8.371	75	74315	19.034	ug/l	99
37) Ethyl Acetate	7.559	43	70906	22.068	ug/l	98
38) Carbon Tetrachloride	8.359	117	89958	19.391	ug/l	98
39) Methylcyclohexane	9.600	83	66848	17.428	ug/l	95
40) Benzene	8.606	78	245235	19.597	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36044	20.985	ug/l	93
42) 1,2-Dichloroethane	8.665	62	78280	19.205	ug/l	98
43) Isopropyl Acetate	8.688	43	115606	20.176	ug/l	98
44) Trichloroethene	9.353	130	56227	18.300	ug/l	99
45) 1,2-Dichloropropane	9.618	63	61203	20.262	ug/l	100
46) Dibromomethane	9.706	93	43290	20.318	ug/l	99
47) Bromodichloromethane	9.882	83	91083	19.982	ug/l	94
48) Methyl methacrylate	9.682	41	50513	21.169	ug/l	94
49) 1,4-Dioxane	9.694	88	25053	552.112	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	367312	118.571	ug/l	98
52) Toluene	10.629	92	155608	21.213	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	86175	20.445	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	95117	20.579	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	61808	21.193	ug/l	97
56) Ethyl methacrylate	10.871	69	83937	21.661	ug/l	97
57) 1,3-Dichloropropane	11.165	76	100696	20.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	180110	127.644	ug/l	100
59) 2-Hexanone	11.194	43	270101	126.741	ug/l	97
60) Dibromochloromethane	11.359	129	74153	21.835	ug/l	97
61) 1,2-Dibromoethane	11.471	107	59399	21.556	ug/l	99
64) Tetrachloroethene	11.106	164	55454	18.996	ug/l	92
65) Chlorobenzene	11.888	112	170713	19.775	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	63234	20.379	ug/l	99
67) Ethyl Benzene	11.965	91	266882	19.736	ug/l	100
68) m/p-Xylenes	12.070	106	218136	42.468	ug/l	98
69) o-Xylene	12.394	106	100324	20.554	ug/l	98
70) Styrene	12.412	104	173071	20.530	ug/l	100
71) Bromoform	12.576	173	51393	22.291	ug/l #	98
73) Isopropylbenzene	12.694	105	246255	18.963	ug/l	99
74) N-amyl acetate	12.494	43	92153	20.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	90769	20.312	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	75949m	18.037	ug/l	
77) Bromobenzene	12.976	156	69263	19.742	ug/l	97
78) n-propylbenzene	13.035	91	295854	19.893	ug/l	99
79) 2-Chlorotoluene	13.123	91	192091	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	218698	20.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	29851m	20.685	ug/l	
82) 4-Chlorotoluene	13.217	91	196544	19.952	ug/l	100
83) tert-Butylbenzene	13.435	119	177829	19.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	214841	20.527	ug/l	99
85) sec-Butylbenzene	13.617	105	245391	19.524	ug/l	100
86) p-Isopropyltoluene	13.729	119	202785	18.915	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	126638	19.266	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	127028	18.855	ug/l	99
89) n-Butylbenzene	14.059	91	155589	17.436	ug/l	98
90) Hexachloroethane	14.329	117	45392	19.070	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	123882	19.598	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17059	20.789	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	54584	18.122	ug/l	98
94) Hexachlorobutadiene	15.500	225	32257	17.622	ug/l	98
95) Naphthalene	15.641	128	153451	18.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	55738	18.433	ug/l	100

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

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