

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021425\
 Data File : VN085766.D
 Acq On : 14 Feb 2025 13:06
 Operator : JC\MD
 Sample : VN0214WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/17/2025
 Supervised By :Semsettin Yesilyurt 02/17/2025

Quant Time: Feb 14 22:36:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	226657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	156284	42.716	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.440%		
35) Dibromofluoromethane	8.165	113	130650	50.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.300%		
50) Toluene-d8	10.565	98	451052	48.730	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.847	95	157721	49.813	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	59321	19.330	ug/l	97
3) Chloromethane	2.359	50	58600	17.636	ug/l	98
4) Vinyl Chloride	2.512	62	60044	17.978	ug/l	99
5) Bromomethane	2.965	94	38556	19.112	ug/l	96
6) Chloroethane	3.124	64	40104	18.940	ug/l	96
7) Trichlorofluoromethane	3.501	101	86517	17.853	ug/l	97
8) Diethyl Ether	3.965	74	29015	17.332	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	52179	19.117	ug/l	96
10) Methyl Iodide	4.589	142	59785	19.127	ug/l	94
11) Tert butyl alcohol	5.518	59	36859	87.980	ug/l	99
12) 1,1-Dichloroethene	4.336	96	44635	18.349	ug/l	85
13) Acrolein	4.177	56	41804	73.097	ug/l	98
14) Allyl chloride	5.018	41	57672	14.611	ug/l	91
15) Acrylonitrile	5.718	53	114647	86.155	ug/l	99
16) Acetone	4.424	43	90481	76.539	ug/l	100
17) Carbon Disulfide	4.712	76	128547	17.163	ug/l	96
18) Methyl Acetate	5.018	43	62592	17.412	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	138844	17.578	ug/l	99
20) Methylene Chloride	5.271	84	54912	18.763	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	47663	18.334	ug/l	88
22) Diisopropyl ether	6.665	45	143383	16.366	ug/l	96
23) Vinyl Acetate	6.600	43	481611	78.549	ug/l	96
24) 1,1-Dichloroethane	6.565	63	92726	17.357	ug/l	98
25) 2-Butanone	7.483	43	136207	78.295	ug/l	97
26) 2,2-Dichloropropane	7.483	77	80965	18.746	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	54339	17.746	ug/l	94
28) Bromochloromethane	7.812	49	38430	15.462	ug/l	84
29) Tetrahydrofuran	7.836	42	93825	85.067	ug/l	94
30) Chloroform	7.959	83	95475	17.292	ug/l	100
31) Cyclohexane	8.253	56	69868	15.047	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	84229	17.391	ug/l	93
36) 1,1-Dichloropropene	8.365	75	62026	16.964	ug/l	98
37) Ethyl Acetate	7.559	43	56422	15.288	ug/l #	96
38) Carbon Tetrachloride	8.359	117	74384	17.770	ug/l	95
39) Methylcyclohexane	9.594	83	56830	16.540	ug/l	96
40) Benzene	8.600	78	205544	18.710	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	30869	16.077	ug/l	93
42) 1,2-Dichloroethane	8.671	62	70988	17.157	ug/l	99
43) Isopropyl Acetate	8.688	43	99637	16.849	ug/l	98
44) Trichloroethene	9.347	130	48640	19.020	ug/l	97
45) 1,2-Dichloropropane	9.618	63	51087	18.206	ug/l	95
46) Dibromomethane	9.706	93	37015	18.281	ug/l	95
47) Bromodichloromethane	9.882	83	75429	18.285	ug/l	99
48) Methyl methacrylate	9.677	41	40359	15.166	ug/l #	88
49) 1,4-Dioxane	9.694	88	17034	380.104	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	286599	83.520	ug/l	94
52) Toluene	10.624	92	124899	19.621	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	69160	17.741	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	77836	18.692	ug/l #	89
55) 1,1,2-Trichloroethane	11.012	97	48423	19.222	ug/l	95
56) Ethyl methacrylate	10.871	69	63808	16.387	ug/l #	90
57) 1,3-Dichloropropane	11.159	76	83383	19.036	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	182151	113.943	ug/l	97
59) 2-Hexanone	11.194	43	201597	83.494	ug/l	93
60) Dibromochloromethane	11.359	129	58186	19.132	ug/l	98
61) 1,2-Dibromoethane	11.465	107	48269	19.249	ug/l	98
64) Tetrachloroethene	11.100	164	46687	20.742	ug/l	93
65) Chlorobenzene	11.888	112	136536	18.878	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	51229	19.299	ug/l	99
67) Ethyl Benzene	11.959	91	212392	18.029	ug/l	97
68) m/p-Xylenes	12.071	106	169371	38.902	ug/l	96
69) o-Xylene	12.394	106	79336	19.068	ug/l	95
70) Styrene	12.406	104	131986	19.167	ug/l	98
71) Bromoform	12.576	173	39391	20.739	ug/l #	98
73) Isopropylbenzene	12.694	105	193685	17.208	ug/l	98
74) N-amyl acetate	12.488	43	73460	14.521	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	70011	17.609	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	70330m	20.749	ug/l	
77) Bromobenzene	12.976	156	54312	18.470	ug/l	93
78) n-propylbenzene	13.029	91	230338	17.287	ug/l	99
79) 2-Chlorotoluene	13.123	91	150128	17.409	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	164681	17.714	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22660m	18.087	ug/l	
82) 4-Chlorotoluene	13.218	91	154017	17.938	ug/l	98
83) tert-Butylbenzene	13.435	119	129965	16.647	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	163849	17.683	ug/l	98
85) sec-Butylbenzene	13.612	105	186536	17.239	ug/l	98
86) p-Isopropyltoluene	13.729	119	153391	17.142	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	97378	17.982	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	98201	17.495	ug/l	98
89) n-Butylbenzene	14.053	91	123631	15.926	ug/l	99
90) Hexachloroethane	14.329	117	35357	17.164	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	95425	17.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12797	17.626	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	41111	16.375	ug/l	98
94) Hexachlorobutadiene	15.494	225	23499	17.630	ug/l	98
95) Naphthalene	15.641	128	108963	14.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41755	16.437	ug/l	100

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

