

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021425\
 Data File : VN085765.D
 Acq On : 14 Feb 2025 12:32
 Operator : JC\MD
 Sample : VN0214WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 22:35:12 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	237254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	400007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	349388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163960	42.812	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.620%		
35) Dibromofluoromethane	8.165	113	140291	50.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.100%		
50) Toluene-d8	10.565	98	482844	48.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.847	95	165171	48.972	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63013	19.616	ug/l	99
3) Chloromethane	2.360	50	61855	17.784	ug/l	96
4) Vinyl Chloride	2.512	62	63650	18.207	ug/l	99
5) Bromomethane	2.959	94	41810	19.799	ug/l	97
6) Chloroethane	3.124	64	41014	18.505	ug/l	96
7) Trichlorofluoromethane	3.501	101	90891	17.918	ug/l	97
8) Diethyl Ether	3.954	74	27308	15.583	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	53341	18.670	ug/l	97
10) Methyl Iodide	4.589	142	61040	18.656	ug/l	95
11) Tert butyl alcohol	5.518	59	36759	83.822	ug/l	99
12) 1,1-Dichloroethene	4.342	96	46710	18.344	ug/l	91
13) Acrolein	4.177	56	45265	75.613	ug/l	98
14) Allyl chloride	5.018	41	58931	14.263	ug/l	89
15) Acrylonitrile	5.718	53	116383	83.553	ug/l	99
16) Acetone	4.424	43	92609	74.840	ug/l #	86
17) Carbon Disulfide	4.712	76	135048	17.226	ug/l	96
18) Methyl Acetate	5.018	43	62733	16.672	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	137826	16.670	ug/l	97
20) Methylene Chloride	5.271	84	55685	18.178	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	49101	18.044	ug/l	91
22) Diisopropyl ether	6.671	45	145605	15.877	ug/l	93
23) Vinyl Acetate	6.600	43	480771	74.910	ug/l	96
24) 1,1-Dichloroethane	6.559	63	95447	17.069	ug/l	99
25) 2-Butanone	7.477	43	137103	75.290	ug/l	94
26) 2,2-Dichloropropane	7.483	77	84616	18.716	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	56922	17.760	ug/l	93
28) Bromochloromethane	7.812	49	39956	15.358	ug/l	86
29) Tetrahydrofuran	7.836	42	90192	78.121	ug/l	90
30) Chloroform	7.965	83	100440	17.379	ug/l	99
31) Cyclohexane	8.253	56	74407	15.309	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	89037	17.563	ug/l	94
36) 1,1-Dichloropropene	8.371	75	66828	17.159	ug/l	99
37) Ethyl Acetate	7.559	43	59346	15.096	ug/l	97
38) Carbon Tetrachloride	8.359	117	79536	17.838	ug/l	97
39) Methylcyclohexane	9.594	83	59650	16.298	ug/l	99
40) Benzene	8.600	78	213419	18.237	ug/l	100

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41) Methacrylonitrile	7.771	41	29778	14.560	ug/l	93
42) 1,2-Dichloroethane	8.665	62	71064	16.123	ug/l	97
43) Isopropyl Acetate	8.683	43	102336	16.246	ug/l	97
44) Trichloroethene	9.347	130	50537	18.552	ug/l	97
45) 1,2-Dichloropropane	9.618	63	51468	17.218	ug/l	93
46) Dibromomethane	9.706	93	36484	16.916	ug/l	94
47) Bromodichloromethane	9.883	83	78692	17.908	ug/l	98
48) Methyl methacrylate	9.677	41	42114	14.856	ug/l	89
49) 1,4-Dioxane	9.688	88	16581	347.342	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	291172	79.658	ug/l	94
52) Toluene	10.624	92	129687	19.126	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	72549	17.471	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	80678	18.189	ug/l #	90
55) 1,1,2-Trichloroethane	11.012	97	50278	18.737	ug/l	96
56) Ethyl methacrylate	10.871	69	64358	15.619	ug/l #	87
57) 1,3-Dichloropropane	11.159	76	82593	17.701	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	180392	105.933	ug/l	97
59) 2-Hexanone	11.188	43	202435	78.708	ug/l	92
60) Dibromochloromethane	11.353	129	60026	18.529	ug/l	98
61) 1,2-Dibromoethane	11.465	107	48847	18.287	ug/l	100
64) Tetrachloroethene	11.100	164	47706	20.029	ug/l	98
65) Chlorobenzene	11.888	112	138865	18.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	51179	18.219	ug/l	99
67) Ethyl Benzene	11.959	91	218386	17.518	ug/l	97
68) m/p-Xylenes	12.071	106	172956	37.539	ug/l	97
69) o-Xylene	12.394	106	79592	18.076	ug/l	96
70) Styrene	12.412	104	133018	18.254	ug/l	98
71) Bromoform	12.576	173	39177	19.491	ug/l #	98
73) Isopropylbenzene	12.694	105	195251	17.141	ug/l	100
74) N-amyl acetate	12.488	43	72950	14.248	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	72282	17.964	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	65851m	19.196	ug/l	
77) Bromobenzene	12.976	156	55344	18.596	ug/l	92
78) n-propylbenzene	13.029	91	233819	17.339	ug/l	98
79) 2-Chlorotoluene	13.124	91	153389	17.575	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	166717	17.719	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22282m	17.574	ug/l	
82) 4-Chlorotoluene	13.218	91	155429	17.886	ug/l	98
83) tert-Butylbenzene	13.435	119	133314	16.872	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	166743	17.781	ug/l	98
85) sec-Butylbenzene	13.612	105	190654	17.409	ug/l	99
86) p-Isopropyltoluene	13.723	119	151913	16.790	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	99774	18.204	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	96732	17.028	ug/l	99
89) n-Butylbenzene	14.053	91	122258	15.561	ug/l	99
90) Hexachloroethane	14.329	117	36083	17.308	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	96293	17.614	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12992	17.682	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	40796	16.056	ug/l	100
94) Hexachlorobutadiene	15.494	225	24243	17.971	ug/l	99
95) Naphthalene	15.635	128	105007	13.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39652	15.423	ug/l	97

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

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