

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085477.D
 Acq On : 16 Jan 2025 18:08
 Operator : JC\MD
 Sample : VN0116WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD02

Quant Time: Jan 17 03:14:13 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	189081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	284195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135710	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	165434	54.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.400%
35) Dibromofluoromethane	8.165	113	120250	53.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	10.565	98	443604	55.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.640%
62) 4-Bromofluorobenzene	12.847	95	148575	54.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	51323	20.047	ug/l	97
3) Chloromethane	2.359	50	53770	19.398	ug/l	98
4) Vinyl Chloride	2.512	62	55055	19.760	ug/l	97
5) Bromomethane	2.965	94	33937	20.165	ug/l	100
6) Chloroethane	3.124	64	37330	21.134	ug/l	99
7) Trichlorofluoromethane	3.501	101	84274	20.846	ug/l	97
8) Diethyl Ether	3.959	74	26207	18.765	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	47061	20.668	ug/l	99
10) Methyl Iodide	4.589	142	51715	19.833	ug/l #	96
11) Tert butyl alcohol	5.512	59	35441	101.407	ug/l	100
12) 1,1-Dichloroethene	4.342	96	41331	20.367	ug/l	95
13) Acrolein	4.183	56	43991	92.207	ug/l	100
14) Allyl chloride	5.030	41	63808	19.378	ug/l	99
15) Acrylonitrile	5.712	53	115788	104.304	ug/l	99
16) Acetone	4.424	43	99705	101.102	ug/l	99
17) Carbon Disulfide	4.712	76	115110	18.423	ug/l	100
18) Methyl Acetate	5.024	43	64177	21.401	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	137735	20.903	ug/l	97
20) Methylene Chloride	5.277	84	49599	20.316	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	42385	19.544	ug/l	96
22) Diisopropyl ether	6.671	45	154702	21.167	ug/l	97
23) Vinyl Acetate	6.600	43	549190	107.371	ug/l	99
24) 1,1-Dichloroethane	6.565	63	92384	20.730	ug/l	99
25) 2-Butanone	7.483	43	153245	105.595	ug/l	99
26) 2,2-Dichloropropane	7.489	77	79002	21.926	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	51664	20.226	ug/l	99
28) Bromochloromethane	7.806	49	41470	20.001	ug/l	100
29) Tetrahydrofuran	7.836	42	101908	110.758	ug/l	98
30) Chloroform	7.965	83	95412	20.715	ug/l	93
31) Cyclohexane	8.253	56	75449	19.478	ug/l #	96
32) 1,1,1-Trichloroethane	8.165	97	83834	20.750	ug/l	99
36) 1,1-Dichloropropene	8.371	75	62122	19.613	ug/l	99
37) Ethyl Acetate	7.559	43	65464	20.476	ug/l	98
38) Carbon Tetrachloride	8.359	117	74052	20.422	ug/l	97
39) Methylcyclohexane	9.600	83	59036	19.835	ug/l	95
40) Benzene	8.600	78	195078	20.498	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33464	20.119	ug/l	99
42) 1,2-Dichloroethane	8.671	62	74301	20.729	ug/l	99
43) Isopropyl Acetate	8.683	43	105143	20.525	ug/l	100
44) Trichloroethene	9.347	130	43582	19.673	ug/l	90
45) 1,2-Dichloropropane	9.618	63	48527	19.963	ug/l	99
46) Dibromomethane	9.706	93	35046	19.980	ug/l	98
47) Bromodichloromethane	9.882	83	74949	20.973	ug/l	99
48) Methyl methacrylate	9.677	41	47898	20.777	ug/l	97
49) 1,4-Dioxane	9.688	88	15400	396.684	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	325626	109.540	ug/l	98
52) Toluene	10.624	92	119720	21.711	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	69501	20.580	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	74682	20.703	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	45312	20.764	ug/l	98
56) Ethyl methacrylate	10.871	69	64671	18.844	ug/l	98
57) 1,3-Dichloropropane	11.159	76	79140	20.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	123345	89.066	ug/l	98
59) 2-Hexanone	11.194	43	231805	110.823	ug/l	97
60) Dibromochloromethane	11.359	129	54620	20.731	ug/l	98
61) 1,2-Dibromoethane	11.465	107	44306	20.396	ug/l	98
64) Tetrachloroethene	11.100	164	39654	20.467	ug/l	97
65) Chlorobenzene	11.888	112	125281	20.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	46182	20.211	ug/l	98
67) Ethyl Benzene	11.959	91	212371	20.944	ug/l	98
68) m/p-Xylenes	12.065	106	162468	43.352	ug/l	99
69) o-Xylene	12.394	106	75899	21.192	ug/l	100
70) Styrene	12.412	104	127750	21.553	ug/l	99
71) Bromoform	12.576	173	35264	21.569	ug/l #	98
73) Isopropylbenzene	12.694	105	194569	21.243	ug/l	99
74) N-amyl acetate	12.494	43	86089	20.911	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	66337	20.503	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	59909m	21.719	ug/l	
77) Bromobenzene	12.976	156	49220	20.568	ug/l	98
78) n-propylbenzene	13.029	91	234493	21.626	ug/l	99
79) 2-Chlorotoluene	13.123	91	146801	20.919	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	167073	22.083	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21236	20.830	ug/l	95
82) 4-Chlorotoluene	13.218	91	150030	21.472	ug/l	99
83) tert-Butylbenzene	13.435	119	133986	21.089	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	165839	21.993	ug/l	100
85) sec-Butylbenzene	13.612	105	189322	21.500	ug/l	100
86) p-Isopropyltoluene	13.729	119	156445	21.245	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	91302	20.718	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	90353	19.780	ug/l	98
89) n-Butylbenzene	14.053	91	127525	20.187	ug/l	98
90) Hexachloroethane	14.329	117	33370	19.907	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	87277	19.855	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11847	20.052	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	37759	18.482	ug/l	98
94) Hexachlorobutadiene	15.500	225	19727	18.187	ug/l	99
95) Naphthalene	15.635	128	105755	17.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39057	18.893	ug/l	99

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

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