

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085468.D
 Acq On : 16 Jan 2025 13:53
 Operator : JC\MD
 Sample : VN0116WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

Quant Time: Jan 17 01:03:21 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	214710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	307381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	172101	49.656	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	8.165	113	126709	50.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.740%		
50) Toluene-d8	10.565	98	456652	51.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.180%		
62) 4-Bromofluorobenzene	12.847	95	150448	49.207	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50810	17.478	ug/l	99
3) Chloromethane	2.359	50	54637	17.358	ug/l	94
4) Vinyl Chloride	2.512	62	53269	16.837	ug/l	99
5) Bromomethane	2.965	94	34360	17.980	ug/l	95
6) Chloroethane	3.124	64	36177	18.036	ug/l	98
7) Trichlorofluoromethane	3.501	101	83238	18.132	ug/l	99
8) Diethyl Ether	3.959	74	25592	16.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	46779	18.092	ug/l #	86
10) Methyl Iodide	4.595	142	52093	17.593	ug/l	95
11) Tert butyl alcohol	5.506	59	31515	79.410	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	40220	17.454	ug/l	98
13) Acrolein	4.171	56	44414	81.982	ug/l	95
14) Allyl chloride	5.018	41	63914	17.093	ug/l	98
15) Acrylonitrile	5.718	53	113612	90.128	ug/l	99
16) Acetone	4.424	43	94029	83.966	ug/l	95
17) Carbon Disulfide	4.712	76	113930	16.058	ug/l #	95
18) Methyl Acetate	5.024	43	60560	17.784	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	131549	17.581	ug/l	99
20) Methylene Chloride	5.277	84	48264	17.409	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	42837	17.395	ug/l	96
22) Diisopropyl ether	6.665	45	152963	18.431	ug/l	98
23) Vinyl Acetate	6.600	43	528364	90.969	ug/l	99
24) 1,1-Dichloroethane	6.565	63	89599	17.705	ug/l	99
25) 2-Butanone	7.477	43	145025	88.003	ug/l	95
26) 2,2-Dichloropropane	7.483	77	78575	19.205	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	51231	17.662	ug/l	98
28) Bromochloromethane	7.806	49	38718	16.445	ug/l	99
29) Tetrahydrofuran	7.830	42	95092	91.013	ug/l	99
30) Chloroform	7.959	83	92936	17.769	ug/l	98
31) Cyclohexane	8.253	56	76128m	17.308	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	82647	18.014	ug/l	96
36) 1,1-Dichloropropene	8.365	75	62886	17.812	ug/l	97
37) Ethyl Acetate	7.553	43	58836	16.510	ug/l	97
38) Carbon Tetrachloride	8.359	117	74631	18.464	ug/l	96
39) Methylcyclohexane	9.600	83	58917	17.758	ug/l	94
40) Benzene	8.600	78	193909	18.279	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	34112	18.399	ug/l	95
42) 1,2-Dichloroethane	8.665	62	73482	18.392	ug/l	98
43) Isopropyl Acetate	8.683	43	103079	18.052	ug/l	99
44) Trichloroethene	9.347	130	42165	17.075	ug/l	91
45) 1,2-Dichloropropane	9.618	63	48619	17.943	ug/l	98
46) Dibromomethane	9.706	93	34627	17.710	ug/l	99
47) Bromodichloromethane	9.883	83	73622	18.483	ug/l	95
48) Methyl methacrylate	9.677	41	46704	18.175	ug/l	98
49) 1,4-Dioxane	9.688	88	12989	300.161	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	309648	93.449	ug/l	98
52) Toluene	10.630	92	113616	18.484	ug/l	97
53) t-1,3-Dichloropropene	10.830	75	68626	18.231	ug/l	92
54) cis-1,3-Dichloropropene	10.306	75	74745	18.589	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	44190	18.166	ug/l	98
56) Ethyl methacrylate	10.871	69	63244	16.769	ug/l	98
57) 1,3-Dichloropropane	11.159	76	78341	18.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	139773	90.546	ug/l	99
59) 2-Hexanone	11.194	43	216763	92.971	ug/l	97
60) Dibromochloromethane	11.353	129	52581	17.904	ug/l	99
61) 1,2-Dibromoethane	11.465	107	42838	17.692	ug/l	100
64) Tetrachloroethene	11.100	164	39588	18.892	ug/l	98
65) Chlorobenzene	11.888	112	124201	18.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	45214	18.295	ug/l	99
67) Ethyl Benzene	11.959	91	207788	18.946	ug/l	100
68) m/p-Xylenes	12.065	106	161071	39.737	ug/l	100
69) o-Xylene	12.394	106	72203	18.639	ug/l	96
70) Styrene	12.406	104	125516	19.579	ug/l	100
71) Bromoform	12.576	173	34384	19.444	ug/l #	99
73) Isopropylbenzene	12.694	105	189954	19.169	ug/l	99
74) N-amyl acetate	12.488	43	81769	18.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	64669	18.475	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	58212m	19.506	ug/l	
77) Bromobenzene	12.976	156	47811	18.467	ug/l	98
78) n-propylbenzene	13.029	91	229736	19.583	ug/l	100
79) 2-Chlorotoluene	13.123	91	142626	18.786	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	162910	19.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	21174	19.197	ug/l	97
82) 4-Chlorotoluene	13.218	91	144962	19.176	ug/l	100
83) tert-Butylbenzene	13.435	119	130247	18.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	161062	19.743	ug/l	100
85) sec-Butylbenzene	13.612	105	187726	19.705	ug/l	98
86) p-Isopropyltoluene	13.723	119	153063	19.313	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	88924	18.651	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	88555	17.919	ug/l	99
89) n-Butylbenzene	14.053	91	124658	18.239	ug/l	99
90) Hexachloroethane	14.329	117	32822	18.097	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	84403	17.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11449	17.911	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	37526	16.977	ug/l	99
94) Hexachlorobutadiene	15.500	225	20260	17.264	ug/l	98
95) Naphthalene	15.635	128	99391	15.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	36479	16.310	ug/l	98

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

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

