

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085520.D
 Acq On : 27 Jan 2025 16:46
 Operator : JC\MD
 Sample : VN0127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 02:01:58 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	201491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142141	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	154960	47.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.280%
35) Dibromofluoromethane	8.165	113	113203	47.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	10.565	98	401058	47.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.847	95	143504	50.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	43592	15.979	ug/l	96
3) Chloromethane	2.359	50	45973	15.564	ug/l	99
4) Vinyl Chloride	2.512	62	46002	15.494	ug/l	96
5) Bromomethane	2.959	94	29007	16.174	ug/l	85
6) Chloroethane	3.124	64	30696	16.308	ug/l	96
7) Trichlorofluoromethane	3.500	101	72915	16.926	ug/l	95
8) Diethyl Ether	3.959	74	26002	17.472	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	42772	17.628	ug/l	100
10) Methyl Iodide	4.589	142	49008	17.637	ug/l	98
11) Tert butyl alcohol	5.518	59	41107	110.375	ug/l	97
12) 1,1-Dichloroethene	4.336	96	37531	17.356	ug/l	90
13) Acrolein	4.183	56	40300	79.268	ug/l	99
14) Allyl chloride	5.018	41	58987	16.810	ug/l	98
15) Acrylonitrile	5.712	53	113725	96.136	ug/l	100
16) Acetone	4.418	43	100927	96.038	ug/l	100
17) Carbon Disulfide	4.712	76	95341	14.319	ug/l	99
18) Methyl Acetate	5.018	43	65466	20.486	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	136305	19.412	ug/l	99
20) Methylene Chloride	5.271	84	45079	17.327	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	39558	17.117	ug/l	96
22) Diisopropyl ether	6.665	45	147381	18.923	ug/l	97
23) Vinyl Acetate	6.600	43	518523	95.132	ug/l	99
24) 1,1-Dichloroethane	6.559	63	84264	17.743	ug/l	99
25) 2-Butanone	7.483	43	151647	98.058	ug/l	99
26) 2,2-Dichloropropane	7.488	77	74832	19.490	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48290	17.741	ug/l	95
28) Bromochloromethane	7.812	49	38579	17.461	ug/l	98
29) Tetrahydrofuran	7.835	42	97200	99.134	ug/l	99
30) Chloroform	7.965	83	87982	17.925	ug/l	96
31) Cyclohexane	8.253	56	66438	16.096	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77155	17.920	ug/l	97
36) 1,1-Dichloropropene	8.371	75	57133	17.249	ug/l	99
37) Ethyl Acetate	7.553	43	61946	18.528	ug/l	99
38) Carbon Tetrachloride	8.359	117	67504	17.801	ug/l	97
39) Methylcyclohexane	9.600	83	52296	16.801	ug/l	97
40) Benzene	8.600	78	180711	18.157	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33694	19.371	ug/l	98
42) 1,2-Dichloroethane	8.671	62	70495	18.807	ug/l	99
43) Isopropyl Acetate	8.682	43	103570	19.333	ug/l	99
44) Trichloroethene	9.347	130	41488	17.908	ug/l	87
45) 1,2-Dichloropropane	9.618	63	45946	18.074	ug/l	98
46) Dibromomethane	9.706	93	33962	18.515	ug/l	99
47) Bromodichloromethane	9.882	83	71647	19.172	ug/l	99
48) Methyl methacrylate	9.677	41	46908	19.457	ug/l	97
49) 1,4-Dioxane	9.694	88	17074	420.559	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	320825	103.202	ug/l	100
52) Toluene	10.629	92	109132	18.925	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	68929	19.518	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	71135	18.857	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44242	19.386	ug/l	97
56) Ethyl methacrylate	10.871	69	63624	17.842	ug/l	98
57) 1,3-Dichloropropane	11.159	76	74624	18.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	128650	88.832	ug/l	99
59) 2-Hexanone	11.194	43	228088	104.275	ug/l	100
60) Dibromochloromethane	11.359	129	52631	19.102	ug/l	100
61) 1,2-Dibromoethane	11.465	107	43380	19.096	ug/l	96
64) Tetrachloroethene	11.100	164	37711	18.573	ug/l	98
65) Chlorobenzene	11.888	112	120046	18.399	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	44226	18.469	ug/l	99
67) Ethyl Benzene	11.959	91	197539	18.589	ug/l	98
68) m/p-Xylenes	12.070	106	152037	38.711	ug/l	99
69) o-Xylene	12.394	106	71148	18.956	ug/l	99
70) Styrene	12.406	104	121008	19.481	ug/l	99
71) Bromoform	12.576	173	34534	20.155	ug/l #	99
73) Isopropylbenzene	12.694	105	182673	19.042	ug/l	100
74) N-amyl acetate	12.494	43	83274	19.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	65114	19.215	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51898m	17.964	ug/l	
77) Bromobenzene	12.976	156	46207	18.436	ug/l	96
78) n-propylbenzene	13.035	91	220924	19.453	ug/l	100
79) 2-Chlorotoluene	13.123	91	139334	18.957	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	156321	19.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	21572	20.202	ug/l	98
82) 4-Chlorotoluene	13.217	91	140536	19.203	ug/l	100
83) tert-Butylbenzene	13.435	119	127363	19.139	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	156143	19.770	ug/l	99
85) sec-Butylbenzene	13.612	105	180596	19.581	ug/l	99
86) p-Isopropyltoluene	13.729	119	149717	19.503	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87188	18.889	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86342	18.047	ug/l	99
89) n-Butylbenzene	14.053	91	119951	18.129	ug/l	98
90) Hexachloroethane	14.329	117	30919	17.610	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	85986	18.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12784	20.659	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38523	18.002	ug/l	97
94) Hexachlorobutadiene	15.494	225	19815	17.442	ug/l	96
95) Naphthalene	15.641	128	114951	18.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39137	18.075	ug/l	99

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

