

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085519.D
 Acq On : 27 Jan 2025 16:12
 Operator : JC\MD
 Sample : VN0127WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Quant Time: Jan 28 02:01:00 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 : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	208674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159253	47.278	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.560%
35) Dibromofluoromethane	8.165	113	120488	49.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	10.565	98	426365	48.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.847	95	147277	49.362	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44950	15.909	ug/l	99
3) Chloromethane	2.359	50	47704	15.594	ug/l	98
4) Vinyl Chloride	2.512	62	49504	16.100	ug/l	99
5) Bromomethane	2.959	94	31105	16.747	ug/l	96
6) Chloroethane	3.124	64	32682	16.765	ug/l	100
7) Trichlorofluoromethane	3.501	101	79914	17.912	ug/l	97
8) Diethyl Ether	3.959	74	25429	16.499	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	44004	17.511	ug/l	98
10) Methyl Iodide	4.595	142	51366	17.850	ug/l	98
11) Tert butyl alcohol	5.518	59	41199	106.814	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	39715	17.733	ug/l	93
13) Acrolein	4.177	56	39870	75.723	ug/l	97
14) Allyl chloride	5.024	41	60984	16.781	ug/l	99
15) Acrylonitrile	5.718	53	114428	93.401	ug/l	99
16) Acetone	4.424	43	99525	91.444	ug/l	99
17) Carbon Disulfide	4.712	76	101875	14.774	ug/l	97
18) Methyl Acetate	5.018	43	65808	19.884	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	138922	19.104	ug/l	100
20) Methylene Chloride	5.271	84	48074	17.843	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	41676	17.413	ug/l	95
22) Diisopropyl ether	6.665	45	151624	18.798	ug/l	96
23) Vinyl Acetate	6.600	43	522202	92.509	ug/l	99
24) 1,1-Dichloroethane	6.565	63	87862	17.864	ug/l	97
25) 2-Butanone	7.477	43	151283	94.455	ug/l	98
26) 2,2-Dichloropropane	7.483	77	81242	20.431	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	50080	17.765	ug/l	96
28) Bromochloromethane	7.812	49	39958	17.463	ug/l	98
29) Tetrahydrofuran	7.836	42	99901	98.382	ug/l	99
30) Chloroform	7.965	83	92835	18.263	ug/l	97
31) Cyclohexane	8.253	56	71296	16.678	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	82314	18.461	ug/l	96
36) 1,1-Dichloropropene	8.371	75	59051	17.139	ug/l	99
37) Ethyl Acetate	7.553	43	64447	18.532	ug/l #	95
38) Carbon Tetrachloride	8.359	117	71696	18.177	ug/l	100
39) Methylcyclohexane	9.600	83	56147	17.342	ug/l	94
40) Benzene	8.600	78	188579	18.216	ug/l	98

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41) Methacrylonitrile	7.777	41	34171	18.887	ug/l	98
42) 1,2-Dichloroethane	8.671	62	71703	18.390	ug/l	100
43) Isopropyl Acetate	8.683	43	105207	18.880	ug/l	99
44) Trichloroethene	9.347	130	42540	17.653	ug/l	97
45) 1,2-Dichloropropane	9.618	63	47873	18.105	ug/l	98
46) Dibromomethane	9.706	93	34364	18.011	ug/l	98
47) Bromodichloromethane	9.883	83	73853	18.999	ug/l	95
48) Methyl methacrylate	9.677	41	48560	19.364	ug/l	100
49) 1,4-Dioxane	9.688	88	16169	382.887	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	320107	98.995	ug/l	99
52) Toluene	10.624	92	114724	19.126	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	68643	18.686	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74838	19.072	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	44521	18.755	ug/l	99
56) Ethyl methacrylate	10.871	69	63931	17.301	ug/l	98
57) 1,3-Dichloropropane	11.159	76	78049	18.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	129626	86.050	ug/l	100
59) 2-Hexanone	11.194	43	229022	100.658	ug/l	100
60) Dibromochloromethane	11.353	129	53997	18.841	ug/l	99
61) 1,2-Dibromoethane	11.465	107	43876	18.569	ug/l	98
64) Tetrachloroethene	11.100	164	41376	19.589	ug/l	90
65) Chlorobenzene	11.888	112	124390	18.327	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46396	18.625	ug/l	98
67) Ethyl Benzene	11.959	91	206785	18.706	ug/l	99
68) m/p-Xylenes	12.065	106	156314	38.260	ug/l	99
69) o-Xylene	12.394	106	74513	19.084	ug/l	99
70) Styrene	12.406	104	126745	19.615	ug/l	99
71) Bromoform	12.576	173	34938	19.602	ug/l #	100
73) Isopropylbenzene	12.694	105	190425	19.153	ug/l	99
74) N-amyl acetate	12.494	43	82210	18.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	65024	18.515	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	52136m	17.413	ug/l	
77) Bromobenzene	12.976	156	47540	18.302	ug/l	98
78) n-propylbenzene	13.035	91	224974	19.114	ug/l	100
79) 2-Chlorotoluene	13.124	91	142697	18.733	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	159046	19.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	21123	19.087	ug/l	98
82) 4-Chlorotoluene	13.218	91	143166	18.876	ug/l	99
83) tert-Butylbenzene	13.435	119	129220	18.737	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	158145	19.321	ug/l	99
85) sec-Butylbenzene	13.612	105	184179	19.269	ug/l	100
86) p-Isopropyltoluene	13.723	119	147016	18.528	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	84631	17.692	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	87319	17.611	ug/l	100
89) n-Butylbenzene	14.053	91	122155	17.814	ug/l	100
90) Hexachloroethane	14.329	117	32263	17.731	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	85356	17.888	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12232	19.073	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	38292	17.267	ug/l	99
94) Hexachlorobutadiene	15.500	225	19651	16.690	ug/l	96
95) Naphthalene	15.635	128	108913	16.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	37774	16.834	ug/l	99

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

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