

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083293.D
 Acq On : 14 Aug 2024 11:16
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 14 14:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126608	54.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.580%	
35) Dibromofluoromethane	8.171	113	94269	52.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.565	98	349219	51.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.847	95	136994	51.976	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87216	46.944	ug/l	98
3) Chloromethane	2.365	50	87224	45.857	ug/l	95
4) Vinyl Chloride	2.512	62	97838	50.410	ug/l	97
5) Bromomethane	2.942	94	52166	43.316	ug/l	95
6) Chloroethane	3.112	64	63136	51.995	ug/l	97
7) Trichlorofluoromethane	3.495	101	165825	51.719	ug/l	96
8) Diethyl Ether	3.959	74	59793	50.117	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	89007	50.352	ug/l	96
10) Methyl Iodide	4.589	142	96424	41.467	ug/l	92
11) Tert butyl alcohol	5.530	59	108856	224.620	ug/l	97
12) 1,1-Dichloroethene	4.336	96	86528	47.645	ug/l	93
13) Acrolein	4.177	56	73261	231.949	ug/l	99
14) Allyl chloride	5.024	41	149946	43.691	ug/l	88
15) Acrylonitrile	5.718	53	251493	252.327	ug/l	99
16) Acetone	4.424	43	212752	233.157	ug/l	97
17) Carbon Disulfide	4.712	76	221347	41.654	ug/l	98
18) Methyl Acetate	5.030	43	144046	52.984	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	332772	50.765	ug/l	98
20) Methylene Chloride	5.277	84	98909	47.099	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	90397	48.160	ug/l	91
22) Diisopropyl ether	6.671	45	333976	51.770	ug/l	94
23) Vinyl Acetate	6.606	43	1649810	249.505	ug/l	96
24) 1,1-Dichloroethane	6.571	63	182732	51.967	ug/l	100
25) 2-Butanone	7.482	43	342141	244.196	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	76541	23.439	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	112406	49.627	ug/l	88
28) Bromochloromethane	7.818	49	70443	49.020	ug/l #	83
29) Tetrahydrofuran	7.841	42	229510	253.402	ug/l	90
30) Chloroform	7.971	83	194540	53.252	ug/l	99
31) Cyclohexane	8.259	56	154936	44.834	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	179199	51.823	ug/l	95
36) 1,1-Dichloropropene	8.371	75	131294	47.888	ug/l	99
37) Ethyl Acetate	7.559	43	137850	44.906	ug/l #	94
38) Carbon Tetrachloride	8.365	117	152136	49.267	ug/l	97
39) Methylcyclohexane	9.600	83	149996	44.542	ug/l	95
40) Benzene	8.606	78	404063	49.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79897	45.775	ug/l	95
42) 1,2-Dichloroethane	8.671	62	152062	51.109	ug/l	99
43) Isopropyl Acetate	8.688	43	259105	48.572	ug/l #	94
44) Trichloroethene	9.353	130	94869	48.799	ug/l	93
45) 1,2-Dichloropropane	9.624	63	98947	51.037	ug/l	93
46) Dibromomethane	9.706	93	71347	51.414	ug/l	100
47) Bromodichloromethane	9.888	83	157858	50.662	ug/l	98
48) Methyl methacrylate	9.682	41	117810	46.420	ug/l	91
49) 1,4-Dioxane	9.694	88	45123	985.503	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	737093	253.916	ug/l	93
52) Toluene	10.629	92	256435	49.691	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141845	44.317	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	150558	44.225	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	97490	52.714	ug/l	94
56) Ethyl methacrylate	10.876	69	171617	49.224	ug/l	88
57) 1,3-Dichloropropane	11.165	76	169515	51.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	362573	246.025	ug/l	96
59) 2-Hexanone	11.194	43	552591	246.056	ug/l	93
60) Dibromochloromethane	11.359	129	116816	52.243	ug/l	98
61) 1,2-Dibromoethane	11.470	107	97276	50.070	ug/l	98
64) Tetrachloroethene	11.106	164	86731	50.639	ug/l	95
65) Chlorobenzene	11.894	112	277901	48.626	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98689	48.963	ug/l	99
67) Ethyl Benzene	11.965	91	510560	48.699	ug/l	100
68) m/p-Xylenes	12.070	106	380831	96.971	ug/l	98
69) o-Xylene	12.400	106	188426	48.647	ug/l	99
70) Styrene	12.412	104	322289	49.541	ug/l	98
71) Bromoform	12.582	173	76410	50.041	ug/l #	98
73) Isopropylbenzene	12.694	105	492063	48.035	ug/l	100
74) N-amyl acetate	12.494	43	224593	44.823	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	142069	49.035	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106614m	39.664	ug/l	
77) Bromobenzene	12.982	156	110681	48.639	ug/l	97
78) n-propylbenzene	13.035	91	570625	48.376	ug/l	100
79) 2-Chlorotoluene	13.123	91	358278	47.909	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	415668	48.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39080	31.626	ug/l	96
82) 4-Chlorotoluene	13.223	91	359993	47.991	ug/l	98
83) tert-Butylbenzene	13.435	119	366056	48.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	421815	48.805	ug/l	99
85) sec-Butylbenzene	13.617	105	496548	47.913	ug/l	100
86) p-Isopropyltoluene	13.729	119	420468	49.138	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	208290	48.645	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	206401	47.814	ug/l	98
89) n-Butylbenzene	14.059	91	353270	47.646	ug/l	98
90) Hexachloroethane	14.335	117	78305	47.367	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	199616	48.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31393	44.652	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	109984	47.380	ug/l	99
94) Hexachlorobutadiene	15.500	225	42692	41.354	ug/l	100
95) Naphthalene	15.641	128	389886	47.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108701	47.325	ug/l	97

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

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