

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080954.D
 Acq On : 08 Feb 2024 11:13
 Operator : JC\MD
 Sample : VN0208WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBS01

Quant Time: Feb 09 01:17:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	402900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	733835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	660651	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	250892	49.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.171	113	214202	54.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.800%
50) Toluene-d8	10.571	98	758190	53.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.853	95	267095	51.620	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82019	17.968	ug/l	96
3) Chloromethane	2.359	50	88168	17.754	ug/l	93
4) Vinyl Chloride	2.512	62	104441	17.520	ug/l	# 89
5) Bromomethane	2.959	94	70240	18.315	ug/l	97
6) Chloroethane	3.124	64	73570	17.500	ug/l	100
7) Trichlorofluoromethane	3.500	101	137860	17.662	ug/l	86
8) Diethyl Ether	3.959	74	46223	16.575	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	77649	17.684	ug/l	93
10) Methyl Iodide	4.589	142	73496	17.308	ug/l	95
11) Tert butyl alcohol	5.518	59	61630	88.006	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72773	16.847	ug/l	92
13) Acrolein	4.183	56	83050	94.094	ug/l	99
14) Allyl chloride	5.024	41	96388	16.841	ug/l	# 84
15) Acrylonitrile	5.712	53	169587	88.594	ug/l	95
16) Acetone	4.430	43	146446	87.578	ug/l	95
17) Carbon Disulfide	4.712	76	174321	16.000	ug/l	# 92
18) Methyl Acetate	5.024	43	91821	16.583	ug/l	# 85
19) Methyl tert-butyl Ether	5.794	73	258046	17.935	ug/l	92
20) Methylene Chloride	5.277	84	84808	16.740	ug/l	# 79
21) trans-1,2-Dichloroethene	5.783	96	83837	17.290	ug/l	85
22) Diisopropyl ether	6.677	45	247583	18.663	ug/l	# 94
23) Vinyl Acetate	6.606	43	879771	100.642	ug/l	# 89
24) 1,1-Dichloroethane	6.565	63	150057	17.369	ug/l	94
25) 2-Butanone	7.488	43	225533	84.030	ug/l	94
26) 2,2-Dichloropropane	7.494	77	139429	17.649	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	100289	17.800	ug/l	85
28) Bromochloromethane	7.818	49	68005	18.917	ug/l	# 58
29) Tetrahydrofuran	7.841	42	140531	85.640	ug/l	# 79
30) Chloroform	7.971	83	168111	17.607	ug/l	99
31) Cyclohexane	8.259	56	123304	17.751	ug/l	# 82
32) 1,1,1-Trichloroethane	8.171	97	149989	18.130	ug/l	# 89
36) 1,1-Dichloropropene	8.377	75	116603	19.905	ug/l	96
37) Ethyl Acetate	7.559	43	90372	20.388	ug/l	# 95
38) Carbon Tetrachloride	8.365	117	124069	20.660	ug/l	97
39) Methylcyclohexane	9.600	83	107742	16.502	ug/l	85
40) Benzene	8.606	78	362769	20.344	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48623	18.407	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	124466	20.047	ug/l	98
43) Isopropyl Acetate	8.688	43	169265	20.766	ug/l #	93
44) Trichloroethene	9.353	130	94170	17.387	ug/l	93
45) 1,2-Dichloropropane	9.624	63	87687	18.226	ug/l	98
46) Dibromomethane	9.706	93	62471	17.560	ug/l #	87
47) Bromodichloromethane	9.894	83	132668	19.065	ug/l #	92
48) Methyl methacrylate	9.682	41	73843	16.079	ug/l #	82
49) 1,4-Dioxane	9.700	88	28610	337.407	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	482634	98.254	ug/l	93
52) Toluene	10.629	92	223897	18.746	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128951	19.151	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	143573	18.995	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	90007	19.497	ug/l	94
56) Ethyl methacrylate	10.876	69	123086	22.288	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	151301	20.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	313419	93.483	ug/l #	85
59) 2-Hexanone	11.194	43	351795	94.491	ug/l	92
60) Dibromochloromethane	11.359	129	96563	20.471	ug/l	96
61) 1,2-Dibromoethane	11.471	107	89638	19.466	ug/l	100
64) Tetrachloroethene	11.106	164	81642	16.372	ug/l	88
65) Chlorobenzene	11.894	112	239939	17.329	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	87603	17.533	ug/l	97
67) Ethyl Benzene	11.965	91	414534	17.380	ug/l	97
68) m/p-Xylenes	12.076	106	320768	35.399	ug/l	92
69) o-Xylene	12.400	106	156390	17.787	ug/l	93
70) Styrene	12.412	104	256361	19.427	ug/l	96
71) Bromoform	12.576	173	58001	17.332	ug/l #	98
73) Isopropylbenzene	12.694	105	373061	17.101	ug/l	98
74) N-amyl acetate	12.494	43	137426	17.477	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	117597	17.329	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	107220m	18.747	ug/l	
77) Bromobenzene	12.982	156	93848	17.050	ug/l	74
78) n-propylbenzene	13.035	91	430115	17.463	ug/l	94
79) 2-Chlorotoluene	13.123	91	274497	17.636	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	306949	17.311	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	34722	16.494	ug/l	93
82) 4-Chlorotoluene	13.223	91	268693	17.302	ug/l	95
83) tert-Butylbenzene	13.441	119	255435	16.900	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	314855	17.828	ug/l	95
85) sec-Butylbenzene	13.617	105	353543	17.407	ug/l	93
86) p-Isopropyltoluene	13.729	119	297607	17.339	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	172564	17.604	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	169143	17.003	ug/l	98
89) n-Butylbenzene	14.059	91	251539	16.590	ug/l	96
90) Hexachloroethane	14.335	117	44204	16.333	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	163416	17.400	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20190	15.906	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	77286	16.636	ug/l	98
94) Hexachlorobutadiene	15.506	225	31531	15.655	ug/l	98
95) Naphthalene	15.647	128	257630	16.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	76518	16.733	ug/l	97

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

