

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081648.D
 Acq On : 02 Apr 2024 10:08
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 03 01:30:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	332190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	581723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	221798	52.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	8.171	113	198550	54.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	10.565	98	670284	50.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.847	95	257267	55.016	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	186934	41.792	ug/l	96
3) Chloromethane	2.359	50	197215	44.284	ug/l	98
4) Vinyl Chloride	2.512	62	263301	52.682	ug/l	93
5) Bromomethane	2.947	94	155247	43.922	ug/l	93
6) Chloroethane	3.118	64	168881	49.213	ug/l	95
7) Trichlorofluoromethane	3.500	101	358972	48.192	ug/l	97
8) Diethyl Ether	3.959	74	138489	56.179	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	207762	49.089	ug/l #	88
10) Methyl Iodide	4.589	142	242775	57.601	ug/l	99
11) Tert butyl alcohol	5.512	59	221498	300.030	ug/l	99
12) 1,1-Dichloroethene	4.336	96	189882	48.435	ug/l #	80
13) Acrolein	4.177	56	193819	292.578	ug/l	100
14) Allyl chloride	5.018	41	249150	50.718	ug/l #	86
15) Acrylonitrile	5.712	53	541069	273.957	ug/l	98
16) Acetone	4.424	43	342137	249.904	ug/l	96
17) Carbon Disulfide	4.712	76	442020	39.290	ug/l	97
18) Methyl Acetate	5.024	43	276167	65.429	ug/l #	85
19) Methyl tert-butyl Ether	5.788	73	736203	60.004	ug/l	96
20) Methylene Chloride	5.277	84	244488	54.517	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	218015	49.876	ug/l	91
22) Diisopropyl ether	6.671	45	674836	59.122	ug/l #	92
23) Vinyl Acetate	6.600	43	2519856	277.349	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	414168	54.175	ug/l	95
25) 2-Butanone	7.482	43	622732	265.191	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	374507	56.480	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	278254	56.261	ug/l	83
28) Bromochloromethane	7.812	49	154448	49.600	ug/l #	47
29) Tetrahydrofuran	7.835	42	428694	270.994	ug/l #	77
30) Chloroform	7.965	83	475249	58.069	ug/l	97
31) Cyclohexane	8.259	56	293046	42.510	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	402146	54.159	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	298937	48.385	ug/l	95
37) Ethyl Acetate	7.559	43	273771	51.748	ug/l	96
38) Carbon Tetrachloride	8.365	117	345141	50.996	ug/l	96
39) Methylcyclohexane	9.600	83	322577	46.753	ug/l	87
40) Benzene	8.606	78	973670	53.905	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	155835	55.699	ug/l	92
42) 1,2-Dichloroethane	8.671	62	350644	55.162	ug/l	96
43) Isopropyl Acetate	8.688	43	466162	53.157	ug/l #	90
44) Trichloroethene	9.353	130	266900	52.538	ug/l	95
45) 1,2-Dichloropropane	9.618	63	251384	57.426	ug/l	93
46) Dibromomethane	9.712	93	191345	57.558	ug/l #	87
47) Bromodichloromethane	9.888	83	390500	60.079	ug/l #	96
48) Methyl methacrylate	9.682	41	219570	54.284	ug/l #	84
49) 1,4-Dioxane	9.694	88	100759	1036.570	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1448507	270.693	ug/l	90
52) Toluene	10.629	92	627863	54.689	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	409292	58.316	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	429963	57.138	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	275268	59.579	ug/l	93
56) Ethyl methacrylate	10.876	69	370708	53.480	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	449726	59.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	849177	292.096	ug/l #	83
59) 2-Hexanone	11.200	43	1055790	266.863	ug/l	90
60) Dibromochloromethane	11.359	129	309151	60.842	ug/l	98
61) 1,2-Dibromoethane	11.470	107	269598	57.234	ug/l	95
64) Tetrachloroethene	11.106	164	274783	52.913	ug/l	91
65) Chlorobenzene	11.894	112	695235	54.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282518	59.352	ug/l	97
67) Ethyl Benzene	11.965	91	1198532	53.723	ug/l	98
68) m/p-Xylenes	12.070	106	948808	113.446	ug/l	92
69) o-Xylene	12.400	106	465418	56.684	ug/l	92
70) Styrene	12.412	104	795027	60.037	ug/l	96
71) Bromoform	12.582	173	210749	58.918	ug/l #	94
73) Isopropylbenzene	12.694	105	1190504	48.633	ug/l	97
74) N-amyl acetate	12.494	43	418717	47.266	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	351918	48.896	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	320614m	46.673	ug/l	
77) Bromobenzene	12.982	156	300904	49.760	ug/l	70
78) n-propylbenzene	13.035	91	1414301	48.923	ug/l	95
79) 2-Chlorotoluene	13.123	91	855208	49.428	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1020890	50.492	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	128188	50.427	ug/l	91
82) 4-Chlorotoluene	13.223	91	870007	51.002	ug/l	93
83) tert-Butylbenzene	13.441	119	863309	49.515	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1051168	51.728	ug/l	94
85) sec-Butylbenzene	13.617	105	1232295	49.441	ug/l	93
86) p-Isopropyltoluene	13.729	119	1061044	52.078	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	573093	51.582	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	572609	49.774	ug/l	97
89) n-Butylbenzene	14.059	91	913368	50.556	ug/l	96
90) Hexachloroethane	14.335	117	197627	51.218	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	570223	53.324	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	73340	47.881	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	320561	51.845	ug/l	98
94) Hexachlorobutadiene	15.505	225	125782	46.364	ug/l	96
95) Naphthalene	15.641	128	1104236	55.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	328297	52.786	ug/l	98

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ClientSampleId :
VSTDCCC050

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QLast Update : Tue Mar 19 06:00:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

