

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081651.D
 Acq On : 02 Apr 2024 13:27
 Operator : JC\MD
 Sample : VN0402WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBS01

Quant Time: Apr 03 01:31:44 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	358572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	635841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	582582	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	243725	53.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.600%	
35) Dibromofluoromethane	8.171	113	222534	55.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.920%	
50) Toluene-d8	10.565	98	781114	53.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.853	95	284190	55.600	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	72321	14.979	ug/l	95
3) Chloromethane	2.359	50	71875	14.952	ug/l	95
4) Vinyl Chloride	2.518	62	70992	13.159	ug/l	93
5) Bromomethane	2.959	94	56381	14.777	ug/l	93
6) Chloroethane	3.124	64	63459	17.132	ug/l	96
7) Trichlorofluoromethane	3.500	101	137853	17.145	ug/l	100
8) Diethyl Ether	3.965	74	45742	17.190	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	83041	18.177	ug/l	# 89
10) Methyl Iodide	4.588	142	78789	17.318	ug/l	99
11) Tert butyl alcohol	5.512	59	58603	73.540	ug/l	98
12) 1,1-Dichloroethene	4.347	96	69667	16.463	ug/l	85
13) Acrolein	4.183	56	39679	55.490	ug/l	98
14) Allyl chloride	5.030	41	89316	16.844	ug/l	# 89
15) Acrylonitrile	5.718	53	176965	83.009	ug/l	94
16) Acetone	4.424	43	121503	82.219	ug/l	92
17) Carbon Disulfide	4.712	76	165422	13.622	ug/l	97
18) Methyl Acetate	5.024	43	93587	20.541	ug/l	# 91
19) Methyl tert-butyl Ether	5.800	73	239831	18.109	ug/l	# 88
20) Methylene Chloride	5.277	84	83389	17.226	ug/l	# 87
21) trans-1,2-Dichloroethene	5.783	96	80061	16.968	ug/l	86
22) Diisopropyl ether	6.671	45	235118	19.083	ug/l	# 95
23) Vinyl Acetate	6.606	43	829761	84.608	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	148215	17.961	ug/l	# 93
25) 2-Butanone	7.482	43	210655	83.107	ug/l	# 90
26) 2,2-Dichloropropane	7.494	77	141392	19.755	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	97126	18.193	ug/l	85
28) Bromochloromethane	7.818	49	63080	18.767	ug/l	# 51
29) Tetrahydrofuran	7.835	42	139825	81.886	ug/l	# 80
30) Chloroform	7.965	83	170702	19.323	ug/l	96
31) Cyclohexane	8.259	56	112982	15.184	ug/l	# 66
32) 1,1,1-Trichloroethane	8.171	97	155034	19.343	ug/l	94
36) 1,1-Dichloropropene	8.377	75	112390	16.643	ug/l	94
37) Ethyl Acetate	7.559	43	91137	15.760	ug/l	98
38) Carbon Tetrachloride	8.359	117	130997	17.708	ug/l	97
39) Methylcyclohexane	9.606	83	119869	15.895	ug/l	84
40) Benzene	8.606	78	354979	17.980	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	55895m	18.278	ug/l	
42) 1,2-Dichloroethane	8.671	62	122861	17.683	ug/l	96
43) Isopropyl Acetate	8.688	43	155711	16.245	ug/l #	89
44) Trichloroethene	9.353	130	96588	17.395	ug/l	98
45) 1,2-Dichloropropane	9.623	63	88822	18.563	ug/l	91
46) Dibromomethane	9.706	93	67011	18.442	ug/l #	88
47) Bromodichloromethane	9.888	83	135788	19.113	ug/l #	96
48) Methyl methacrylate	9.682	41	71549	16.183	ug/l #	82
49) 1,4-Dioxane	9.694	88	31990	301.090	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	487834	83.406	ug/l	91
52) Toluene	10.629	92	226455	18.046	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	135398	17.650	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	144277	17.541	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	97854	19.377	ug/l	93
56) Ethyl methacrylate	10.876	69	116359	16.975	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	152823	18.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	206637	65.028	ug/l #	85
59) 2-Hexanone	11.194	43	358151	82.822	ug/l	90
60) Dibromochloromethane	11.359	129	103167	18.576	ug/l	99
61) 1,2-Dibromoethane	11.470	107	95562	18.561	ug/l	99
64) Tetrachloroethene	11.106	164	99637	17.892	ug/l	92
65) Chlorobenzene	11.894	112	252950	18.367	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	95221	18.655	ug/l	97
67) Ethyl Benzene	11.964	91	426208	17.816	ug/l	96
68) m/p-Xylenes	12.070	106	336425	37.512	ug/l	92
69) o-Xylene	12.400	106	161359	18.327	ug/l	90
70) Styrene	12.412	104	263674	18.568	ug/l	96
71) Bromoform	12.576	173	69579	18.140	ug/l #	98
73) Isopropylbenzene	12.694	105	419487	17.588	ug/l	97
74) N-amyl acetate	12.494	43	130970	15.174	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	117734	16.789	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	111888m	16.717	ug/l	
77) Bromobenzene	12.982	156	102794	17.447	ug/l	71
78) n-propylbenzene	13.035	91	504090	17.897	ug/l	96
79) 2-Chlorotoluene	13.129	91	296952	17.615	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	358907	18.219	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	40995	16.552	ug/l	89
82) 4-Chlorotoluene	13.223	91	303165	18.240	ug/l	94
83) tert-Butylbenzene	13.441	119	300373	17.682	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	364037	18.386	ug/l	97
85) sec-Butylbenzene	13.617	105	438826	18.070	ug/l	92
86) p-Isopropyltoluene	13.729	119	367315	18.503	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	198056	18.296	ug/l	93
88) 1,4-Dichlorobenzene	13.811	146	199086	17.761	ug/l	97
89) n-Butylbenzene	14.058	91	304263	17.285	ug/l	97
90) Hexachloroethane	14.335	117	66115	17.586	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	191033	18.335	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23823	15.963	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	100358	16.659	ug/l	98
94) Hexachlorobutadiene	15.505	225	43340	16.396	ug/l	97
95) Naphthalene	15.641	128	309530	15.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101761	16.793	ug/l	100

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

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