

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081598.D
 Acq On : 28 Mar 2024 11:34
 Operator : JC\MD
 Sample : VN0328WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 02:44:22 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	338853	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	608593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	550601	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	234080	54.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.340%			
35) Dibromofluoromethane	8.165	113	206797	53.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.680%			
50) Toluene-d8	10.571	98	726270	52.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	12.853	95	250188	51.140	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	75832	16.620	ug/l	100
3) Chloromethane	2.365	50	76639	16.871	ug/l	100
4) Vinyl Chloride	2.518	62	90314	17.715	ug/l	# 86
5) Bromomethane	2.965	94	66740	18.510	ug/l	100
6) Chloroethane	3.130	64	64839	18.523	ug/l	97
7) Trichlorofluoromethane	3.500	101	140829	18.535	ug/l	97
8) Diethyl Ether	3.953	74	45731	18.186	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	82346	19.074	ug/l	92
10) Methyl Iodide	4.589	142	78147	18.176	ug/l	98
11) Tert butyl alcohol	5.512	59	65326	86.747	ug/l	99
12) 1,1-Dichloroethene	4.342	96	70453	17.618	ug/l	87
13) Acrolein	4.183	56	54436	80.558	ug/l	95
14) Allyl chloride	5.024	41	87591	17.480	ug/l	# 85
15) Acrylonitrile	5.712	53	184916	91.787	ug/l	97
16) Acetone	4.424	43	122767	87.908	ug/l	98
17) Carbon Disulfide	4.712	76	180368	15.717	ug/l	99
18) Methyl Acetate	5.024	43	90570	21.036	ug/l	# 88
19) Methyl tert-butyl Ether	5.800	73	239681	19.151	ug/l	96
20) Methylene Chloride	5.283	84	87377	19.100	ug/l	# 82
21) trans-1,2-Dichloroethene	5.794	96	82845	18.580	ug/l	# 79
22) Diisopropyl ether	6.677	45	228915	19.661	ug/l	# 93
23) Vinyl Acetate	6.600	43	832607	89.839	ug/l	# 90
24) 1,1-Dichloroethane	6.571	63	147138	18.868	ug/l	95
25) 2-Butanone	7.483	43	215615	90.014	ug/l	# 86
26) 2,2-Dichloropropane	7.488	77	137149	20.277	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	97372	19.301	ug/l	82
28) Bromochloromethane	7.812	49	67569	21.272	ug/l	# 53
29) Tetrahydrofuran	7.841	42	148630	92.107	ug/l	# 79
30) Chloroform	7.965	83	166104	19.896	ug/l	99
31) Cyclohexane	8.259	56	120695	17.164	ug/l	# 73
32) 1,1,1-Trichloroethane	8.171	97	147013	19.410	ug/l	92
36) 1,1-Dichloropropene	8.371	75	114312	17.685	ug/l	97
37) Ethyl Acetate	7.565	43	96771	17.484	ug/l	97
38) Carbon Tetrachloride	8.365	117	131699	18.600	ug/l	98
39) Methylcyclohexane	9.606	83	118451	16.410	ug/l	84
40) Benzene	8.606	78	352430	18.650	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51284	17.521	ug/l	90
42) 1,2-Dichloroethane	8.671	62	123662	18.595	ug/l	98
43) Isopropyl Acetate	8.688	43	165463	18.035	ug/l #	91
44) Trichloroethene	9.353	130	96774	18.208	ug/l	91
45) 1,2-Dichloropropane	9.624	63	88587	19.343	ug/l	98
46) Dibromomethane	9.706	93	66369	19.083	ug/l #	91
47) Bromodichloromethane	9.888	83	129684	19.071	ug/l #	98
48) Methyl methacrylate	9.682	41	72146	17.049	ug/l #	84
49) 1,4-Dioxane	9.700	88	35139	345.536	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	492291	87.936	ug/l	91
52) Toluene	10.629	92	218705	18.209	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	131181	17.865	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	142708	18.127	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	92547	19.146	ug/l	91
56) Ethyl methacrylate	10.876	69	116464	17.698	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	148171	18.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	318199	104.620	ug/l #	84
59) 2-Hexanone	11.194	43	363984	87.939	ug/l	92
60) Dibromochloromethane	11.359	129	99602	18.737	ug/l	98
61) 1,2-Dibromoethane	11.471	107	92688	18.808	ug/l	97
64) Tetrachloroethene	11.106	164	96397	18.316	ug/l	92
65) Chlorobenzene	11.894	112	242800	18.654	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	94181	19.523	ug/l	96
67) Ethyl Benzene	11.965	91	409419	18.108	ug/l	97
68) m/p-Xylenes	12.070	106	319203	37.659	ug/l	92
69) o-Xylene	12.400	106	154245	18.536	ug/l	93
70) Styrene	12.412	104	254617	18.972	ug/l	96
71) Bromoform	12.576	173	66513	18.348	ug/l #	98
73) Isopropylbenzene	12.700	105	398654	18.133	ug/l	98
74) N-amyl acetate	12.494	43	131582	16.538	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	115904	17.931	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	106895m	17.326	ug/l	
77) Bromobenzene	12.976	156	99456	18.313	ug/l	69
78) n-propylbenzene	13.035	91	473767	18.248	ug/l	95
79) 2-Chlorotoluene	13.123	91	282701	18.193	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	344112	18.950	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	44649	19.557	ug/l	100
82) 4-Chlorotoluene	13.223	91	285759	18.652	ug/l	93
83) tert-Butylbenzene	13.441	119	281687	17.989	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	341351	18.704	ug/l	93
85) sec-Butylbenzene	13.617	105	398735	17.813	ug/l	93
86) p-Isopropyltoluene	13.729	119	335792	18.351	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	181929	18.233	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	183122	17.724	ug/l	97
89) n-Butylbenzene	14.059	91	279127	17.203	ug/l	96
90) Hexachloroethane	14.335	117	63211	18.241	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	178791	18.616	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24335	17.690	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	91104	16.406	ug/l	98
94) Hexachlorobutadiene	15.500	225	38346	15.738	ug/l	96
95) Naphthalene	15.641	128	283978	15.782	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	91322	16.349	ug/l	98

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

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