

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081405.D
 Acq On : 14 Mar 2024 13:18
 Operator : JC\MD
 Sample : VN0314WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:11:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	294169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	486415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	232047	54.556	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	8.171	113	172719	52.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	10.570	98	629428	51.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.853	95	226151	52.228	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80142	20.552	ug/l	95
3) Chloromethane	2.365	50	73874	17.538	ug/l	94
4) Vinyl Chloride	2.518	62	79233	18.031	ug/l	96
5) Bromomethane	2.959	94	53053	18.077	ug/l	89
6) Chloroethane	3.124	64	54790	18.154	ug/l	100
7) Trichlorofluoromethane	3.500	101	123942	19.066	ug/l	96
8) Diethyl Ether	3.965	74	44092	19.252	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	68761	18.575	ug/l	91
10) Methyl Iodide	4.594	142	65015	19.192	ug/l	98
11) Tert butyl alcohol	5.518	59	73031	98.195	ug/l	98
12) 1,1-Dichloroethene	4.341	96	63733	18.591	ug/l	98
13) Acrolein	4.177	56	72427	82.241	ug/l	99
14) Allyl chloride	5.024	41	93402	18.359	ug/l #	90
15) Acrylonitrile	5.712	53	193899	99.796	ug/l	97
16) Acetone	4.430	43	150349	99.768	ug/l	96
17) Carbon Disulfide	4.712	76	163341	16.694	ug/l	99
18) Methyl Acetate	5.024	43	102154	23.676	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	232280	19.978	ug/l	93
20) Methylene Chloride	5.283	84	75934	19.910	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	69742	18.044	ug/l	89
22) Diisopropyl ether	6.671	45	234813	20.780	ug/l #	95
23) Vinyl Acetate	6.606	43	904566	98.536	ug/l #	94
24) 1,1-Dichloroethane	6.577	63	137269	19.844	ug/l	98
25) 2-Butanone	7.482	43	247336	98.004	ug/l	96
26) 2,2-Dichloropropane	7.494	77	112607	18.419	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	84141	19.202	ug/l	87
28) Bromochloromethane	7.824	49	62598	21.149	ug/l #	26
29) Tetrahydrofuran	7.835	42	165689	96.279	ug/l	89
30) Chloroform	7.971	83	146490	20.407	ug/l	97
31) Cyclohexane	8.265	56	111872	17.373	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	124915	19.687	ug/l	95
36) 1,1-Dichloropropene	8.371	75	103017	19.484	ug/l	96
37) Ethyl Acetate	7.559	43	104771	20.271	ug/l	99
38) Carbon Tetrachloride	8.365	117	108209	20.335	ug/l	93
39) Methylcyclohexane	9.600	83	110440	18.150	ug/l	89
40) Benzene	8.612	78	306421	19.416	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	56945	19.510	ug/l	95
42) 1,2-Dichloroethane	8.677	62	117579	21.131	ug/l	99
43) Isopropyl Acetate	8.688	43	180061	19.904	ug/l	98
44) Trichloroethene	9.353	130	79168	19.890	ug/l	96
45) 1,2-Dichloropropane	9.624	63	77887	19.646	ug/l	97
46) Dibromomethane	9.712	93	58402	20.899	ug/l	93
47) Bromodichloromethane	9.888	83	113029	20.835	ug/l #	99
48) Methyl methacrylate	9.682	41	79379	19.851	ug/l	89
49) 1,4-Dioxane	9.694	88	34191	387.939	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	538096	102.441	ug/l	97
52) Toluene	10.629	92	187598	19.678	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	117930	20.092	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	127470	20.117	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	80192	21.212	ug/l	93
56) Ethyl methacrylate	10.876	69	111130	20.471	ug/l	93
57) 1,3-Dichloropropane	11.165	76	134366	20.364	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	265722	90.998	ug/l #	90
59) 2-Hexanone	11.200	43	402272	102.441	ug/l	97
60) Dibromochloromethane	11.359	129	82770	21.259	ug/l	99
61) 1,2-Dibromoethane	11.470	107	81140	20.685	ug/l	97
64) Tetrachloroethene	11.106	164	72590	19.059	ug/l	91
65) Chlorobenzene	11.894	112	197748	19.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	74910	19.972	ug/l	97
67) Ethyl Benzene	11.965	91	352758	19.105	ug/l	96
68) m/p-Xylenes	12.076	106	269975	38.853	ug/l	95
69) o-Xylene	12.400	106	128384	19.064	ug/l	96
70) Styrene	12.412	104	215231	20.168	ug/l	98
71) Bromoform	12.582	173	53009	20.357	ug/l #	94
73) Isopropylbenzene	12.700	105	333641	18.671	ug/l	98
74) N-amyl acetate	12.494	43	147342	19.651	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	106313	19.278	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	102294m	19.571	ug/l	
77) Bromobenzene	12.982	156	79793	18.833	ug/l	79
78) n-propylbenzene	13.035	91	407346	19.273	ug/l	97
79) 2-Chlorotoluene	13.129	91	243593	18.855	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	286276	19.380	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	33905	18.103	ug/l	84
82) 4-Chlorotoluene	13.223	91	239682	18.783	ug/l	94
83) tert-Butylbenzene	13.441	119	236291	18.659	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	293403	19.605	ug/l	97
85) sec-Butylbenzene	13.617	105	344694	18.815	ug/l	95
86) p-Isopropyltoluene	13.729	119	286533	19.502	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	147117	18.389	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	146947	18.377	ug/l	99
89) n-Butylbenzene	14.059	91	245752	18.240	ug/l	96
90) Hexachloroethane	14.335	117	50708	19.713	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	140535	18.309	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22040	18.676	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	74041	18.046	ug/l	98
94) Hexachlorobutadiene	15.505	225	29529	17.418	ug/l	97
95) Naphthalene	15.647	128	262664	17.992	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	74048	17.797	ug/l	95

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

