

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081430.D
 Acq On : 15 Mar 2024 17:17
 Operator : JC\MD
 Sample : VN0315WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 23:35:48 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	280347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	225035	55.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.040%			
35) Dibromofluoromethane	8.171	113	169001	53.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	10.570	98	626754	53.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.020%			
62) 4-Bromofluorobenzene	12.853	95	214371	51.783	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76852	20.680	ug/l	95
3) Chloromethane	2.365	50	72677	18.105	ug/l	92
4) Vinyl Chloride	2.518	62	79524	18.990	ug/l	94
5) Bromomethane	2.959	94	50916	18.205	ug/l	96
6) Chloroethane	3.124	64	54203	18.845	ug/l	99
7) Trichlorofluoromethane	3.500	101	125158	20.203	ug/l	94
8) Diethyl Ether	3.965	74	43862	20.096	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	69072	19.579	ug/l	92
10) Methyl Iodide	4.594	142	66586	20.625	ug/l	98
11) Tert butyl alcohol	5.518	59	68094	96.071	ug/l	99
12) 1,1-Dichloroethene	4.341	96	64517	19.747	ug/l	88
13) Acrolein	4.183	56	64189	76.480	ug/l	98
14) Allyl chloride	5.024	41	90819	18.731	ug/l #	83
15) Acrylonitrile	5.718	53	190778	103.031	ug/l	97
16) Acetone	4.424	43	142950	99.535	ug/l	99
17) Carbon Disulfide	4.712	76	162210	17.396	ug/l	97
18) Methyl Acetate	5.030	43	103060	25.064	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	228288	20.603	ug/l	97
20) Methylene Chloride	5.283	84	77413	21.356	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	69803	18.950	ug/l	91
22) Diisopropyl ether	6.671	45	241945	22.467	ug/l #	94
23) Vinyl Acetate	6.606	43	891276	101.875	ug/l	97
24) 1,1-Dichloroethane	6.565	63	138380	20.991	ug/l	97
25) 2-Butanone	7.482	43	238095	98.994	ug/l	97
26) 2,2-Dichloropropane	7.494	77	109681	18.825	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	81870	19.605	ug/l	93
28) Bromochloromethane	7.812	49	56675	20.092	ug/l #	77
29) Tetrahydrofuran	7.841	42	160973	98.150	ug/l	90
30) Chloroform	7.965	83	146928	21.478	ug/l	94
31) Cyclohexane	8.259	56	115275	18.784	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	129175	21.362	ug/l	93
36) 1,1-Dichloropropene	8.371	75	101427	20.065	ug/l	98
37) Ethyl Acetate	7.559	43	96750	19.580	ug/l	97
38) Carbon Tetrachloride	8.365	117	110254	21.672	ug/l	99
39) Methylcyclohexane	9.600	83	103392	17.773	ug/l	97
40) Benzene	8.606	78	304424	20.176	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	58404	20.930	ug/l	96
42) 1,2-Dichloroethane	8.677	62	115170	21.649	ug/l	100
43) Isopropyl Acetate	8.688	43	170289	19.689	ug/l	98
44) Trichloroethene	9.353	130	77441	20.350	ug/l	97
45) 1,2-Dichloropropane	9.623	63	83281	21.972	ug/l	94
46) Dibromomethane	9.712	93	55478	20.765	ug/l	93
47) Bromodichloromethane	9.888	83	114846	22.143	ug/l #	89
48) Methyl methacrylate	9.682	41	81625	21.351	ug/l	93
49) 1,4-Dioxane	9.694	88	33243	394.519	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	532560	106.047	ug/l	98
52) Toluene	10.635	92	189846	20.829	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	116874	20.827	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	126835	20.937	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	78238	21.646	ug/l	91
56) Ethyl methacrylate	10.876	69	107746	20.760	ug/l	93
57) 1,3-Dichloropropane	11.165	76	134453	21.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	288928	103.492	ug/l	92
59) 2-Hexanone	11.200	43	394142	104.984	ug/l	98
60) Dibromochloromethane	11.365	129	82424	22.143	ug/l	99
61) 1,2-Dibromoethane	11.470	107	79063	21.082	ug/l	99
64) Tetrachloroethene	11.106	164	75806	21.027	ug/l	93
65) Chlorobenzene	11.894	112	196321	20.234	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	74670	21.031	ug/l	97
67) Ethyl Benzene	11.965	91	353680	20.236	ug/l	100
68) m/p-Xylenes	12.076	106	265886	40.423	ug/l	98
69) o-Xylene	12.400	106	129353	20.292	ug/l	97
70) Styrene	12.412	104	207980	20.588	ug/l	99
71) Bromoform	12.576	173	51702	20.975	ug/l #	95
73) Isopropylbenzene	12.700	105	335268	20.358	ug/l	99
74) N-amyl acetate	12.494	43	140674	20.358	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	102280	20.125	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	99182m	20.590	ug/l	
77) Bromobenzene	12.982	156	75664	19.378	ug/l	82
78) n-propylbenzene	13.035	91	403870	20.734	ug/l	98
79) 2-Chlorotoluene	13.129	91	243566	20.457	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	287936	21.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	38535	22.326	ug/l	91
82) 4-Chlorotoluene	13.223	91	240827	20.478	ug/l	97
83) tert-Butylbenzene	13.441	119	237076	20.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	287480	20.843	ug/l	98
85) sec-Butylbenzene	13.617	105	342259	20.271	ug/l	95
86) p-Isopropyltoluene	13.729	119	280277	20.699	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	140878	19.108	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	143309	19.447	ug/l	98
89) n-Butylbenzene	14.059	91	244810	19.715	ug/l	96
90) Hexachloroethane	14.335	117	50255	21.199	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	139625	19.738	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21496	19.765	ug/l	87
93) 1,2,4-Trichlorobenzene	15.400	180	73874	19.538	ug/l	97
94) Hexachlorobutadiene	15.505	225	28913	18.506	ug/l	97
95) Naphthalene	15.641	128	251802	18.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	72195	18.828	ug/l	96

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

