

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082680.D
 Acq On : 21 Jun 2024 16:08
 Operator : JC\MD
 Sample : VN0621WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 24 02:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	231343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132461	55.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	8.171	113	90580	52.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	10.571	98	342964	52.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.853	95	114553	51.343	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42913	20.500	ug/l	100
3) Chloromethane	2.359	50	48792	19.444	ug/l	100
4) Vinyl Chloride	2.512	62	50706	21.233	ug/l	99
5) Bromomethane	2.948	94	31543	20.519	ug/l	89
6) Chloroethane	3.112	64	35657	20.939	ug/l	96
7) Trichlorofluoromethane	3.489	101	61936	19.879	ug/l	99
8) Diethyl Ether	3.959	74	21520	20.282	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	36965	21.182	ug/l #	85
10) Methyl Iodide	4.589	142	27274	16.407	ug/l	94
11) Tert butyl alcohol	5.524	59	46279	117.645	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	31675	18.981	ug/l	90
13) Acrolein	4.189	56	34007	84.863	ug/l	98
14) Allyl chloride	5.024	41	70025	21.455	ug/l	89
15) Acrylonitrile	5.724	53	119649	115.227	ug/l	99
16) Acetone	4.430	43	111035	101.577	ug/l	100
17) Carbon Disulfide	4.712	76	93497	17.642	ug/l	96
18) Methyl Acetate	5.036	43	66772	24.975	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	123441	21.609	ug/l	99
20) Methylene Chloride	5.277	84	42384	22.054	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	35688	20.122	ug/l	99
22) Diisopropyl ether	6.677	45	148586	21.708	ug/l	97
23) Vinyl Acetate	6.606	43	590645	108.819	ug/l	100
24) 1,1-Dichloroethane	6.571	63	78986	21.302	ug/l	98
25) 2-Butanone	7.488	43	179379	115.451	ug/l	100
26) 2,2-Dichloropropane	7.494	77	63170	19.639	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	43601	20.403	ug/l	99
28) Bromochloromethane	7.818	49	39951	23.610	ug/l	100
29) Tetrahydrofuran	7.841	42	115832	121.781	ug/l	99
30) Chloroform	7.971	83	77322	21.378	ug/l	98
31) Cyclohexane	8.259	56	65214	18.800	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	69382	21.154	ug/l	96
36) 1,1-Dichloropropene	8.371	75	51110	19.979	ug/l	99
37) Ethyl Acetate	7.565	43	69400	21.297	ug/l	99
38) Carbon Tetrachloride	8.365	117	59163	20.522	ug/l	96
39) Methylcyclohexane	9.606	83	51408	19.095	ug/l	95
40) Benzene	8.612	78	166252	21.033	ug/l	100

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41) Methacrylonitrile	7.783	41	38474	23.098	ug/l	97
42) 1,2-Dichloroethane	8.671	62	68392	22.747	ug/l	99
43) Isopropyl Acetate	8.694	43	139520	22.910	ug/l	95
44) Trichloroethene	9.353	130	37027	20.173	ug/l	99
45) 1,2-Dichloropropane	9.624	63	44084	21.667	ug/l	99
46) Dibromomethane	9.712	93	31815	23.068	ug/l	98
47) Bromodichloromethane	9.888	83	64879	22.064	ug/l	97
48) Methyl methacrylate	9.688	41	56685	22.579	ug/l	98
49) 1,4-Dioxane	9.700	88	18715	476.588	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	374716	119.964	ug/l	100
52) Toluene	10.635	92	101207	21.127	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	64176	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	66428	21.370	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	40973	23.631	ug/l	95
56) Ethyl methacrylate	10.877	69	62204	21.661	ug/l	98
57) 1,3-Dichloropropane	11.165	76	73456	22.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	171273	112.746	ug/l	98
59) 2-Hexanone	11.200	43	280897	118.319	ug/l	98
60) Dibromochloromethane	11.359	129	48101	22.727	ug/l	99
61) 1,2-Dibromoethane	11.476	107	41009	22.433	ug/l	100
64) Tetrachloroethene	11.106	164	35747	18.741	ug/l	94
65) Chlorobenzene	11.894	112	108910	20.529	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40498	21.408	ug/l	99
67) Ethyl Benzene	11.965	91	178750	19.774	ug/l	99
68) m/p-Xylenes	12.076	106	139086	41.359	ug/l	99
69) o-Xylene	12.400	106	64313	20.355	ug/l	98
70) Styrene	12.412	104	114714	21.392	ug/l	99
71) Bromoform	12.582	173	32643	21.826	ug/l #	99
73) Isopropylbenzene	12.700	105	162596	19.310	ug/l	98
74) N-amyl acetate	12.494	43	94299	20.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	61305	22.320	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	58087m	21.417	ug/l	
77) Bromobenzene	12.982	156	43245	19.953	ug/l	96
78) n-propylbenzene	13.041	91	201797	20.260	ug/l	99
79) 2-Chlorotoluene	13.129	91	123957	19.845	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139697	20.444	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21820m	19.248	ug/l	
82) 4-Chlorotoluene	13.223	91	123733	19.830	ug/l	98
83) tert-Butylbenzene	13.441	119	113824	19.555	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	140287	20.465	ug/l	99
85) sec-Butylbenzene	13.618	105	163638	19.795	ug/l	99
86) p-Isopropyltoluene	13.729	119	133922	20.118	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79535	20.239	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	81069	19.737	ug/l	99
89) n-Butylbenzene	14.059	91	115598	19.577	ug/l	97
90) Hexachloroethane	14.335	117	27884	19.252	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	77055	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13621	23.433	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	38521	19.038	ug/l	97
94) Hexachlorobutadiene	15.506	225	17606	17.648	ug/l	100
95) Naphthalene	15.647	128	126958	20.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40983	19.876	ug/l	97

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

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