

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084011.D
 Acq On : 19 Sep 2024 04:57
 Operator : JC\MD
 Sample : VN0918WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD02

Quant Time: Sep 19 05:50:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117796	53.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.960%			
35) Dibromofluoromethane	8.171	113	83491	49.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	10.565	98	298802	51.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.847	95	113923	47.811	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29781	17.720	ug/l	100
3) Chloromethane	2.359	50	30844	16.744	ug/l	95
4) Vinyl Chloride	2.518	62	30989	16.822	ug/l	98
5) Bromomethane	2.959	94	20496	19.378	ug/l	97
6) Chloroethane	3.124	64	21292	16.477	ug/l	100
7) Trichlorofluoromethane	3.500	101	57107	18.263	ug/l	91
8) Diethyl Ether	3.959	74	19584	18.684	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	31242	18.850	ug/l	97
10) Methyl Iodide	4.589	142	38435	18.234	ug/l	95
11) Tert butyl alcohol	5.518	59	34308	117.411	ug/l	98
12) 1,1-Dichloroethene	4.341	96	28336	18.103	ug/l	97
13) Acrolein	4.183	56	17388	60.311	ug/l	99
14) Allyl chloride	5.030	41	51119	18.329	ug/l	98
15) Acrylonitrile	5.718	53	83265	104.782	ug/l	98
16) Acetone	4.430	43	75750	86.596	ug/l	95
17) Carbon Disulfide	4.718	76	69859	15.955	ug/l	100
18) Methyl Acetate	5.024	43	42144	22.087	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	112326	19.831	ug/l	98
20) Methylene Chloride	5.271	84	33757	18.858	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	29367	17.507	ug/l	94
22) Diisopropyl ether	6.671	45	113895	19.838	ug/l	94
23) Vinyl Acetate	6.600	43	416880	99.151	ug/l	98
24) 1,1-Dichloroethane	6.571	63	62126	18.782	ug/l	99
25) 2-Butanone	7.482	43	114821	99.869	ug/l	99
26) 2,2-Dichloropropane	7.488	77	40647	13.344	ug/l	94
27) cis-1,2-Dichloroethene	7.482	96	37125	18.644	ug/l	99
28) Bromochloromethane	7.818	49	30727	22.059	ug/l	97
29) Tetrahydrofuran	7.841	42	72732	106.987	ug/l	97
30) Chloroform	7.965	83	67494	19.220	ug/l	95
31) Cyclohexane	8.253	56	52316	16.589	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	61633	19.088	ug/l	96
36) 1,1-Dichloropropene	8.371	75	43451	17.280	ug/l	98
37) Ethyl Acetate	7.559	43	43216	18.934	ug/l	98
38) Carbon Tetrachloride	8.365	117	51182	17.942	ug/l	96
39) Methylcyclohexane	9.600	83	44844	15.668	ug/l	93
40) Benzene	8.606	78	137996	18.233	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26838	19.881	ug/l	98
42) 1,2-Dichloroethane	8.671	62	54198	19.164	ug/l	100
43) Isopropyl Acetate	8.688	43	90892	21.975	ug/l	97
44) Trichloroethene	9.353	130	31791	18.139	ug/l	99
45) 1,2-Dichloropropane	9.624	63	34848	19.051	ug/l	96
46) Dibromomethane	9.706	93	25063	19.561	ug/l	97
47) Bromodichloromethane	9.888	83	54505	19.656	ug/l	100
48) Methyl methacrylate	9.676	41	38969	19.859	ug/l	95
49) 1,4-Dioxane	9.694	88	12724	394.158	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	241456	107.243	ug/l	97
52) Toluene	10.629	92	86888	18.769	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50250	17.878	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	54226	18.367	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	33723	19.512	ug/l	96
56) Ethyl methacrylate	10.870	69	54312	20.425	ug/l	95
57) 1,3-Dichloropropane	11.165	76	56749	19.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	99143	103.478	ug/l	99
59) 2-Hexanone	11.194	43	173500	104.174	ug/l	98
60) Dibromochloromethane	11.359	129	38598	19.956	ug/l	99
61) 1,2-Dibromoethane	11.470	107	32144	18.649	ug/l	100
64) Tetrachloroethene	11.106	164	26735	17.711	ug/l	97
65) Chlorobenzene	11.888	112	89164	17.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	33023	18.882	ug/l	98
67) Ethyl Benzene	11.965	91	164581	18.365	ug/l	100
68) m/p-Xylenes	12.070	106	121697	36.577	ug/l	100
69) o-Xylene	12.394	106	59372	18.433	ug/l	99
70) Styrene	12.412	104	99535	18.830	ug/l	99
71) Bromoform	12.576	173	23277	19.751	ug/l #	97
73) Isopropylbenzene	12.694	105	153540	19.201	ug/l	99
74) N-amyl acetate	12.494	43	71756	21.032	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	46457	19.773	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	40742m	19.535	ug/l	
77) Bromobenzene	12.976	156	35162	18.267	ug/l	97
78) n-propylbenzene	13.035	91	179687	19.313	ug/l	97
79) 2-Chlorotoluene	13.123	91	112340	18.933	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	127722	18.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	12963	16.279	ug/l	89
82) 4-Chlorotoluene	13.217	91	113002	18.977	ug/l	100
83) tert-Butylbenzene	13.435	119	113013	19.160	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	130926	19.333	ug/l	99
85) sec-Butylbenzene	13.617	105	151376	19.351	ug/l	99
86) p-Isopropyltoluene	13.729	119	124157	18.934	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	63893	17.588	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	65113	17.702	ug/l	99
89) n-Butylbenzene	14.053	91	102957	17.487	ug/l	99
90) Hexachloroethane	14.335	117	23496	17.825	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	62496	17.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9674	20.655	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	30820	16.382	ug/l	97
94) Hexachlorobutadiene	15.500	225	14421	18.050	ug/l	93
95) Naphthalene	15.641	128	102863	17.971	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	31407	17.468	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

