

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084034.D
 Acq On : 19 Sep 2024 15:06
 Operator : JC\MD
 Sample : VN0919WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Quant Time: Sep 20 01:30:41 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 09/20/2024
 Supervised By : Mahesh Dadoda 09/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110849	51.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.760%
35) Dibromofluoromethane	8.165	113	79295	48.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	10.565	98	282666	50.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.847	95	106943	45.908	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30525	18.371	ug/l	97
3) Chloromethane	2.360	50	31137	17.137	ug/l	95
4) Vinyl Chloride	2.513	62	32921	18.076	ug/l	100
5) Bromomethane	2.960	94	21450	20.513	ug/l	93
6) Chloroethane	3.118	64	22157	17.343	ug/l	91
7) Trichlorofluoromethane	3.495	101	59129	19.126	ug/l	95
8) Diethyl Ether	3.959	74	20941	20.207	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	32125	19.605	ug/l	98
10) Methyl Iodide	4.589	142	38140	18.301	ug/l	92
11) Tert butyl alcohol	5.518	59	38177	132.149	ug/l	100
12) 1,1-Dichloroethene	4.342	96	28658	18.519	ug/l	95
13) Acrolein	4.177	56	19264	67.583	ug/l	94
14) Allyl chloride	5.024	41	54215	19.661	ug/l	98
15) Acrylonitrile	5.718	53	89144	113.465	ug/l	100
16) Acetone	4.430	43	89500	103.487	ug/l	99
17) Carbon Disulfide	4.712	76	70379	16.258	ug/l	99
18) Methyl Acetate	5.024	43	43766	23.297	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	116514	20.806	ug/l	98
20) Methylene Chloride	5.277	84	33894	19.151	ug/l	86
21) trans-1,2-Dichloroethene	5.795	96	30310	18.276	ug/l	99
22) Diisopropyl ether	6.677	45	118035	20.794	ug/l	96
23) Vinyl Acetate	6.601	43	446486	107.409	ug/l	97
24) 1,1-Dichloroethane	6.565	63	64105	19.602	ug/l	98
25) 2-Butanone	7.483	43	128554	113.094	ug/l	94
26) 2,2-Dichloropropane	7.495	77	57470	19.082	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	38626	19.620	ug/l	97
28) Bromochloromethane	7.812	49	28021	20.347	ug/l	96
29) Tetrahydrofuran	7.842	42	78654	117.024	ug/l	98
30) Chloroform	7.965	83	69683	20.071	ug/l	100
31) Cyclohexane	8.253	56	54182	17.377	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	63565	19.912	ug/l	98
36) 1,1-Dichloropropene	8.371	75	44722	18.192	ug/l	99
37) Ethyl Acetate	7.565	43	49701	22.273	ug/l	99
38) Carbon Tetrachloride	8.359	117	52552	18.843	ug/l	98
39) Methylcyclohexane	9.600	83	47991	17.151	ug/l	96
40) Benzene	8.600	78	143584	19.405	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28263	21.415	ug/l	98
42) 1,2-Dichloroethane	8.671	62	55715	20.151	ug/l	99
43) Isopropyl Acetate	8.689	43	121788	30.119	ug/l #	90
44) Trichloroethene	9.353	130	32712	19.091	ug/l	89
45) 1,2-Dichloropropane	9.618	63	36893	20.630	ug/l	98
46) Dibromomethane	9.706	93	26442	21.109	ug/l	96
47) Bromodichloromethane	9.889	83	55608	20.513	ug/l	98
48) Methyl methacrylate	9.683	41	41140	21.444	ug/l	98
49) 1,4-Dioxane	9.694	88	13646	432.388	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	262802	119.394	ug/l	97
52) Toluene	10.630	92	88128	19.472	ug/l	95
53) t-1,3-Dichloropropene	10.836	75	54577	19.862	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	57595	19.954	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	34288	20.293	ug/l	99
56) Ethyl methacrylate	10.871	69	55789	21.461	ug/l	93
57) 1,3-Dichloropropane	11.159	76	58855	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	107318	114.572	ug/l	98
59) 2-Hexanone	11.194	43	192671	118.331	ug/l	97
60) Dibromochloromethane	11.359	129	39607	20.946	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33542	19.905	ug/l	98
64) Tetrachloroethene	11.106	164	27722	18.806	ug/l	95
65) Chlorobenzene	11.888	112	92162	18.707	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	33712	19.739	ug/l	98
67) Ethyl Benzene	11.965	91	169288	19.344	ug/l	98
68) m/p-Xylenes	12.071	106	125004	38.473	ug/l	99
69) o-Xylene	12.400	106	60457	19.221	ug/l	98
70) Styrene	12.412	104	102522	19.860	ug/l	99
71) Bromoform	12.577	173	25067	21.781	ug/l #	100
73) Isopropylbenzene	12.694	105	157882	19.821	ug/l	98
74) N-amyl acetate	12.494	43	76099	22.392	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	49342	21.083	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42523m	20.468	ug/l	
77) Bromobenzene	12.977	156	36627	19.103	ug/l	97
78) n-propylbenzene	13.035	91	184919	19.953	ug/l	98
79) 2-Chlorotoluene	13.124	91	116694	19.743	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	132558	19.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16688	21.038	ug/l	93
82) 4-Chlorotoluene	13.224	91	115489	19.471	ug/l	100
83) tert-Butylbenzene	13.435	119	116713	19.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	133961	19.858	ug/l	100
85) sec-Butylbenzene	13.618	105	157707	20.239	ug/l	100
86) p-Isopropyltoluene	13.729	119	127451	19.512	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	67210	18.574	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69170	18.878	ug/l	98
89) n-Butylbenzene	14.053	91	109561	18.682	ug/l	99
90) Hexachloroethane	14.329	117	25233	19.217	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	67387	19.296	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11453	24.549	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	32554	17.371	ug/l	98
94) Hexachlorobutadiene	15.494	225	14226	17.875	ug/l	99
95) Naphthalene	15.641	128	110380	19.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	32858	18.346	ug/l	99

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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

