

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084145.D
 Acq On : 24 Sep 2024 19:31
 Operator : JC\MD
 Sample : P4116-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20240916MS

Quant Time: Sep 25 01:40:09 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 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102996	47.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.540%		
35) Dibromofluoromethane	8.165	113	77650	47.783	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	10.565	98	275955	49.121	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.847	95	104924	45.269	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66421	40.002	ug/l	100
3) Chloromethane	2.359	50	77247	45.387	ug/l	98
4) Vinyl Chloride	2.518	62	78567	43.169	ug/l	99
5) Bromomethane	2.948	94	47797	45.741	ug/l	94
6) Chloroethane	3.118	64	50647	39.672	ug/l	90
7) Trichlorofluoromethane	3.495	101	136937	44.326	ug/l	97
8) Diethyl Ether	3.965	74	49234	47.543	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	82802	50.567	ug/l	98
10) Methyl Iodide	4.589	142	95315	45.769	ug/l	96
11) Tert butyl alcohol	5.518	59	91251	316.087	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72448	46.849	ug/l	94
13) Acrolein	4.177	56	85081	298.697	ug/l	99
14) Allyl chloride	5.024	41	120849	43.857	ug/l	97
15) Acrylonitrile	5.718	53	224299	285.696	ug/l	99
16) Acetone	4.424	43	189648	219.441	ug/l	100
17) Carbon Disulfide	4.712	76	172653	39.912	ug/l	99
18) Methyl Acetate	5.024	43	106262	59.360	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	279766	49.994	ug/l	98
20) Methylene Chloride	5.277	84	88154	49.846	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	77002	46.463	ug/l	94
22) Diisopropyl ether	6.671	45	298922	52.698	ug/l	97
23) Vinyl Acetate	6.600	43	998274	240.320	ug/l	100
24) 1,1-Dichloroethane	6.571	63	163224	49.947	ug/l	100
25) 2-Butanone	7.483	43	304459	268.034	ug/l	99
26) 2,2-Dichloropropane	7.488	77	121529	40.381	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	100796	51.234	ug/l	100
28) Bromochloromethane	7.812	49	73385	53.324	ug/l	94
29) Tetrahydrofuran	7.841	42	198034	294.849	ug/l	96
30) Chloroform	7.965	83	173028	49.873	ug/l	96
31) Cyclohexane	8.259	56	126990	40.757	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	151179	47.390	ug/l	96
36) 1,1-Dichloropropene	8.371	75	112503	45.996	ug/l	99
37) Ethyl Acetate	7.559	43	113464	51.106	ug/l	97
38) Carbon Tetrachloride	8.365	117	130947	47.190	ug/l	98
39) Methylcyclohexane	9.600	83	119334	42.863	ug/l	99
40) Benzene	8.606	78	354952	48.214	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	71078	54.128	ug/l	98
42) 1,2-Dichloroethane	8.671	62	129502	47.076	ug/l	98
43) Isopropyl Acetate	8.688	43	209849	52.159	ug/l	99
44) Trichloroethene	9.353	130	564432	331.077	ug/l	95
45) 1,2-Dichloropropane	9.618	63	91338	51.332	ug/l	98
46) Dibromomethane	9.712	93	63656	51.075	ug/l	99
47) Bromodichloromethane	9.888	83	138959	51.518	ug/l	98
48) Methyl methacrylate	9.677	41	103458	54.200	ug/l	97
49) 1,4-Dioxane	9.694	88	36308	1156.272	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	634618	289.771	ug/l	98
52) Toluene	10.629	92	221843	49.265	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	135409	49.528	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	138300	48.157	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	86639	51.536	ug/l	96
56) Ethyl methacrylate	10.871	69	143991	55.670	ug/l	99
57) 1,3-Dichloropropane	11.165	76	150551	52.106	ug/l	100
59) 2-Hexanone	11.194	43	467356	288.483	ug/l	100
60) Dibromochloromethane	11.359	129	102953	54.721	ug/l	99
61) 1,2-Dibromoethane	11.471	107	86091	51.348	ug/l	97
64) Tetrachloroethene	11.100	164	70896	46.230	ug/l	98
65) Chlorobenzene	11.888	112	237671	46.373	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	87052	48.995	ug/l	99
67) Ethyl Benzene	11.965	91	430920	47.330	ug/l	99
68) m/p-Xylenes	12.070	106	324332	95.950	ug/l	99
69) o-Xylene	12.400	106	157305	48.072	ug/l	99
70) Styrene	12.412	104	272615	50.763	ug/l	98
71) Bromoform	12.576	173	65525	54.727	ug/l #	98
73) Isopropylbenzene	12.694	105	406681	46.705	ug/l	100
74) N-amyl acetate	12.494	43	179391	48.287	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	124729	48.752	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	105450m	46.433	ug/l	
77) Bromobenzene	12.982	156	94141	44.915	ug/l	98
78) n-propylbenzene	13.035	91	480414	47.419	ug/l	99
79) 2-Chlorotoluene	13.123	91	296711	45.922	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	346981	47.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42285	48.766	ug/l	98
82) 4-Chlorotoluene	13.217	91	301599	46.515	ug/l	99
83) tert-Butylbenzene	13.435	119	298068	46.408	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	351767	47.701	ug/l	98
85) sec-Butylbenzene	13.617	105	406099	47.675	ug/l	100
86) p-Isopropyltoluene	13.729	119	338458	47.400	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	180808	45.709	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	174907	43.668	ug/l	99
89) n-Butylbenzene	14.053	91	286935	44.757	ug/l	99
90) Hexachloroethane	14.329	117	65068	45.332	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	174001	45.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25767	50.523	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	82925	40.479	ug/l	98
94) Hexachlorobutadiene	15.500	225	35681	41.013	ug/l	100
95) Naphthalene	15.641	128	270281	43.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82061	41.914	ug/l	99

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

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