

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085082.D
 Acq On : 03 Dec 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	165115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112721	47.927	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.860%		
35) Dibromofluoromethane	8.165	113	93165	51.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.640%		
50) Toluene-d8	10.565	98	325082	50.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.920%		
62) 4-Bromofluorobenzene	12.847	95	131664	54.648	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	109.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73664	39.455	ug/l	97
3) Chloromethane	2.359	50	87854	40.570	ug/l	96
4) Vinyl Chloride	2.512	62	86547	44.474	ug/l	97
5) Bromomethane	2.900	94	48794	44.735	ug/l	93
6) Chloroethane	3.077	64	56525	43.093	ug/l	98
7) Trichlorofluoromethane	3.477	101	154364	46.630	ug/l	96
8) Diethyl Ether	3.953	74	55544	49.297	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	90256	48.071	ug/l	98
10) Methyl Iodide	4.577	142	121244	48.785	ug/l	96
11) Tert butyl alcohol	5.536	59	74152	235.932	ug/l	96
12) 1,1-Dichloroethene	4.324	96	83323	47.544	ug/l	99
13) Acrolein	4.171	56	63990	305.123	ug/l	100
14) Allyl chloride	5.012	41	127810	43.261	ug/l	95
15) Acrylonitrile	5.712	53	209719	235.688	ug/l	99
16) Acetone	4.424	43	188097	274.603	ug/l	99
17) Carbon Disulfide	4.700	76	230721	44.603	ug/l	97
18) Methyl Acetate	5.012	43	103999	47.444	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	280936	49.063	ug/l	96
20) Methylene Chloride	5.265	84	95637	45.755	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	87032	47.191	ug/l	96
22) Diisopropyl ether	6.665	45	281333	47.313	ug/l	98
23) Vinyl Acetate	6.594	43	1047303	255.306	ug/l	99
24) 1,1-Dichloroethane	6.559	63	166145	46.692	ug/l	99
25) 2-Butanone	7.477	43	272328	243.176	ug/l	93
26) 2,2-Dichloropropane	7.483	77	156960	47.239	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	105561	47.479	ug/l	100
28) Bromochloromethane	7.812	49	63089	46.969	ug/l	95
29) Tetrahydrofuran	7.835	42	172105	247.129	ug/l	99
30) Chloroform	7.959	83	176700	46.682	ug/l	97
31) Cyclohexane	8.259	56	140512	44.850	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	161510	47.219	ug/l	98
36) 1,1-Dichloropropene	8.365	75	119459	49.060	ug/l	99
37) Ethyl Acetate	7.559	43	107567	48.593	ug/l	99
38) Carbon Tetrachloride	8.359	117	143416	51.025	ug/l	97
39) Methylcyclohexane	9.600	83	135863	53.695	ug/l	98
40) Benzene	8.600	78	382183	49.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60844	49.642	ug/l	98
42) 1,2-Dichloroethane	8.665	62	127499	48.392	ug/l	100
43) Isopropyl Acetate	8.682	43	191833	41.720	ug/l	97
44) Trichloroethene	9.347	130	87140	48.688	ug/l	97
45) 1,2-Dichloropropane	9.618	63	92001	48.502	ug/l	99
46) Dibromomethane	9.706	93	64851	49.202	ug/l	99
47) Bromodichloromethane	9.882	83	137820	49.335	ug/l	97
48) Methyl methacrylate	9.677	41	87316	51.030	ug/l	100
49) 1,4-Dioxane	9.694	88	30423	1025.272	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	556464	264.955	ug/l	100
52) Toluene	10.629	92	241981	53.075	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	138262	49.367	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	152618	51.366	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	87582	51.573	ug/l	94
56) Ethyl methacrylate	10.871	69	140231	56.511	ug/l	99
57) 1,3-Dichloropropane	11.159	76	151735	50.767	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	323305	265.605	ug/l	99
59) 2-Hexanone	11.194	43	413761	263.414	ug/l	99
60) Dibromochloromethane	11.359	129	106148	51.145	ug/l	99
61) 1,2-Dibromoethane	11.471	107	87116	49.568	ug/l	99
64) Tetrachloroethene	11.100	164	76861	48.385	ug/l	96
65) Chlorobenzene	11.888	112	251311	47.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	92604	49.195	ug/l	98
67) Ethyl Benzene	11.959	91	448530	51.710	ug/l	99
68) m/p-Xylenes	12.070	106	344506	104.322	ug/l	99
69) o-Xylene	12.394	106	165811	52.784	ug/l	99
70) Styrene	12.412	104	279605	53.524	ug/l	99
71) Bromoform	12.576	173	69369	49.646	ug/l #	96
73) Isopropylbenzene	12.694	105	423179	48.571	ug/l	99
74) N-amyl acetate	12.494	43	168966	47.063	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	127412	42.826	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	102004m	45.408	ug/l	
77) Bromobenzene	12.976	156	104941	44.758	ug/l	99
78) n-propylbenzene	13.035	91	494462	49.204	ug/l	99
79) 2-Chlorotoluene	13.123	91	309129	46.082	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	367625	50.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	44928	44.152	ug/l	93
82) 4-Chlorotoluene	13.217	91	313905	44.950	ug/l	100
83) tert-Butylbenzene	13.435	119	302974	48.164	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	372668	49.520	ug/l	100
85) sec-Butylbenzene	13.612	105	422594	49.731	ug/l	99
86) p-Isopropyltoluene	13.729	119	359231	51.211	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	191219	41.348	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	192138	40.713	ug/l	99
89) n-Butylbenzene	14.053	91	302313	46.343	ug/l	99
90) Hexachloroethane	14.329	117	70315	45.987	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	187449	42.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23743	41.270	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	90538	37.607	ug/l	98
94) Hexachlorobutadiene	15.500	225	44494	40.045	ug/l	99
95) Naphthalene	15.635	128	271312	39.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88992	38.740	ug/l	98

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

