

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082792.D
 Acq On : 03 Jul 2024 10:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 23:53:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102955	44.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.300%		
35) Dibromofluoromethane	8.165	113	83385	52.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.260%		
50) Toluene-d8	10.565	98	303011	50.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.320%		
62) 4-Bromofluorobenzene	12.847	95	112325	54.679	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	109.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	106604	46.709	ug/l	97
3) Chloromethane	2.359	50	90220	37.768	ug/l	98
4) Vinyl Chloride	2.512	62	138456	54.699	ug/l	100
5) Bromomethane	2.948	94	63859	35.461	ug/l	92
6) Chloroethane	3.118	64	65856	36.887	ug/l	96
7) Trichlorofluoromethane	3.495	101	158607	50.550	ug/l	96
8) Diethyl Ether	3.959	74	55350	56.404	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.365	101	90277	50.433	ug/l	97
10) Methyl Iodide	4.589	142	102242	62.292	ug/l	98
11) Tert butyl alcohol	5.518	59	84011	228.117	ug/l	99
12) 1,1-Dichloroethene	4.336	96	83608	50.072	ug/l	87
13) Acrolein	4.177	56	51901	231.662	ug/l	99
14) Allyl chloride	5.018	41	125317	49.951	ug/l #	95
15) Acrylonitrile	5.718	53	209534	213.889	ug/l	99
16) Acetone	4.430	43	181698	208.001	ug/l	93
17) Carbon Disulfide	4.718	76	211580	38.689	ug/l	99
18) Methyl Acetate	5.030	43	95193	40.992	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	297761	53.784	ug/l	97
20) Methylene Chloride	5.277	84	94053	42.549	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	88829	49.300	ug/l	91
22) Diisopropyl ether	6.671	45	282725	48.439	ug/l #	93
23) Vinyl Acetate	6.606	43	1133725	243.277	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	168697	47.607	ug/l	97
25) 2-Butanone	7.483	43	288909	216.478	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	164063	72.166	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	109692	51.742	ug/l	89
28) Bromochloromethane	7.812	49	58622	37.824	ug/l #	79
29) Tetrahydrofuran	7.841	42	179925	209.074	ug/l #	83
30) Chloroform	7.965	83	180398	47.752	ug/l	96
31) Cyclohexane	8.253	56	135556	41.728	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	166589	49.945	ug/l	97
36) 1,1-Dichloropropene	8.371	75	123867	53.877	ug/l	97
37) Ethyl Acetate	7.559	43	114729	46.172	ug/l #	93
38) Carbon Tetrachloride	8.365	117	148124	55.087	ug/l	95
39) Methylcyclohexane	9.600	83	138003	57.815	ug/l	91
40) Benzene	8.606	78	380746	50.483	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64531	50.366	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	136701	50.474	ug/l	97
43) Isopropyl Acetate	8.688	43	214223	49.366	ug/l #	92
44) Trichloroethene	9.353	130	96934	55.356	ug/l	98
45) 1,2-Dichloropropane	9.624	63	91282	49.938	ug/l	96
46) Dibromomethane	9.706	93	69681	52.189	ug/l	97
47) Bromodichloromethane	9.888	83	146707	53.924	ug/l	100
48) Methyl methacrylate	9.682	41	97290	50.876	ug/l #	87
49) 1,4-Dioxane	9.700	88	38564	1010.495	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	605362	238.187	ug/l	92
52) Toluene	10.629	92	248182	56.039	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	155900	60.587	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	160969	59.501	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	91951	53.544	ug/l	94
56) Ethyl methacrylate	10.876	69	151805	58.775	ug/l	85
57) 1,3-Dichloropropane	11.165	76	158333	52.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	287919	221.270	ug/l	93
59) 2-Hexanone	11.194	43	465235	246.874	ug/l	91
60) Dibromochloromethane	11.359	129	116633	56.000	ug/l	99
61) 1,2-Dibromoethane	11.471	107	95691	53.034	ug/l	99
64) Tetrachloroethene	11.106	164	93013	56.313	ug/l	96
65) Chlorobenzene	11.894	112	275561	55.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	98388	57.241	ug/l	100
67) Ethyl Benzene	11.965	91	484647	59.374	ug/l	97
68) m/p-Xylenes	12.070	106	370180	121.883	ug/l	96
69) o-Xylene	12.400	106	181496	62.007	ug/l	93
70) Styrene	12.412	104	304527	61.282	ug/l	99
71) Bromoform	12.576	173	78788	58.612	ug/l #	99
73) Isopropylbenzene	12.694	105	463176	61.441	ug/l	99
74) N-amyl acetate	12.494	43	186301	55.369	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	123466	46.680	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	114514m	50.791	ug/l	
77) Bromobenzene	12.982	156	111554	59.545	ug/l	92
78) n-propylbenzene	13.035	91	531118	59.667	ug/l	99
79) 2-Chlorotoluene	13.123	91	322941	57.889	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	375913	60.703	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53196	61.531	ug/l	96
82) 4-Chlorotoluene	13.223	91	322343	58.557	ug/l	98
83) tert-Butylbenzene	13.441	119	323457	62.066	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	385860	63.041	ug/l	99
85) sec-Butylbenzene	13.617	105	454845	62.289	ug/l	99
86) p-Isopropyltoluene	13.729	119	381985	65.291	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	203120	56.622	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	201945	54.086	ug/l	99
89) n-Butylbenzene	14.059	91	328441	63.397	ug/l	98
90) Hexachloroethane	14.335	117	72173	55.557	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	195910	57.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26890	53.962	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	110781	66.606	ug/l	99
94) Hexachlorobutadiene	15.500	225	46050	61.210	ug/l	99
95) Naphthalene	15.641	128	371916	67.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106642	60.123	ug/l	97

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

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