

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082754.D
 Acq On : 01 Jul 2024 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/02/2024
 Supervised By :Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 00:02:14 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	99015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	178929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	171098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	73050	47.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.165	113	58290	49.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.571	98	209346	47.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.040%		
62) 4-Bromofluorobenzene	12.847	95	75574	49.950	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68376	45.237	ug/l	99
3) Chloromethane	2.359	50	63927	40.408	ug/l	100
4) Vinyl Chloride	2.518	62	70146	41.844	ug/l	99
5) Bromomethane	2.954	94	50285	42.162	ug/l	96
6) Chloroethane	3.118	64	52693	44.564	ug/l	95
7) Trichlorofluoromethane	3.495	101	94083	45.276	ug/l	98
8) Diethyl Ether	3.959	74	37519	57.731	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	55730	47.010	ug/l	98
10) Methyl Iodide	4.589	142	64115	58.983	ug/l	98
11) Tert butyl alcohol	5.512	59	59994	245.975	ug/l	98
12) 1,1-Dichloroethene	4.342	96	52754	47.705	ug/l	84
13) Acrolein	4.177	56	44481	299.788	ug/l	97
14) Allyl chloride	5.024	41	82457	49.627	ug/l #	95
15) Acrylonitrile	5.718	53	161013	248.174	ug/l	100
16) Acetone	4.424	43	134392	232.300	ug/l	96
17) Carbon Disulfide	4.718	76	147888	40.833	ug/l	100
18) Methyl Acetate	5.024	43	71146	46.260	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	208773	56.940	ug/l	97
20) Methylene Chloride	5.277	84	67596	46.175	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	59192	49.604	ug/l	90
22) Diisopropyl ether	6.677	45	211208	54.639	ug/l	98
23) Vinyl Acetate	6.600	43	858107	278.032	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	119495	50.918	ug/l	99
25) 2-Butanone	7.483	43	218598	247.321	ug/l	91
26) 2,2-Dichloropropane	7.489	77	105075	69.788	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	74515	53.072	ug/l	92
28) Bromochloromethane	7.818	49	49736	48.455	ug/l	86
29) Tetrahydrofuran	7.841	42	140012	245.660	ug/l #	85
30) Chloroform	7.965	83	126598	50.600	ug/l	98
31) Cyclohexane	8.259	56	91269	42.422	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	108002	48.892	ug/l	98
36) 1,1-Dichloropropene	8.371	75	82663	48.818	ug/l	98
37) Ethyl Acetate	7.559	43	88950	48.604	ug/l	97
38) Carbon Tetrachloride	8.365	117	91837	46.373	ug/l	92
39) Methylcyclohexane	9.606	83	89457	50.885	ug/l	90
40) Benzene	8.606	78	274641	49.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49211	52.149	ug/l	94
42) 1,2-Dichloroethane	8.671	62	99996	50.131	ug/l	98
43) Isopropyl Acetate	8.688	43	156744	49.051	ug/l #	93
44) Trichloroethene	9.353	130	62256	48.272	ug/l	98
45) 1,2-Dichloropropane	9.624	63	69483	51.611	ug/l	99
46) Dibromomethane	9.712	93	51495	52.366	ug/l	99
47) Bromodichloromethane	9.888	83	106092	52.946	ug/l #	97
48) Methyl methacrylate	9.682	41	71210	50.560	ug/l #	86
49) 1,4-Dioxane	9.694	88	28644	1019.079	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	471494	251.884	ug/l	94
52) Toluene	10.630	92	174469	53.488	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	112574	59.401	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	114766	57.600	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	68295	53.997	ug/l	96
56) Ethyl methacrylate	10.877	69	109200	57.405	ug/l	85
57) 1,3-Dichloropropane	11.165	76	117837	53.005	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	253898	264.932	ug/l	97
59) 2-Hexanone	11.194	43	355720	256.290	ug/l	93
60) Dibromochloromethane	11.359	129	81538	53.156	ug/l	99
61) 1,2-Dibromoethane	11.471	107	68837	51.800	ug/l	100
64) Tetrachloroethene	11.106	164	59030	46.056	ug/l	96
65) Chlorobenzene	11.894	112	191100	49.790	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	69390	52.024	ug/l	98
67) Ethyl Benzene	11.965	91	326832	51.598	ug/l	99
68) m/p-Xylenes	12.071	106	258768	109.795	ug/l	95
69) o-Xylene	12.400	106	122795	54.063	ug/l	95
70) Styrene	12.412	104	217178	56.321	ug/l	98
71) Bromoform	12.582	173	53953	51.723	ug/l #	97
73) Isopropylbenzene	12.694	105	308384	51.632	ug/l	99
74) N-amyl acetate	12.494	43	139371	52.280	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	95859	45.743	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	87160m	48.792	ug/l	
77) Bromobenzene	12.982	156	77022	51.890	ug/l	98
78) n-propylbenzene	13.035	91	372238	52.781	ug/l	100
79) 2-Chlorotoluene	13.123	91	221635	50.145	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	264675	53.944	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39763	58.050	ug/l	95
82) 4-Chlorotoluene	13.223	91	231515	53.082	ug/l	99
83) tert-Butylbenzene	13.441	119	220570	53.419	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	269242	55.520	ug/l	98
85) sec-Butylbenzene	13.618	105	314532	54.365	ug/l	99
86) p-Isopropyltoluene	13.729	119	266699	57.536	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143498	50.488	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	142355	48.121	ug/l	99
89) n-Butylbenzene	14.059	91	224864	54.783	ug/l	100
90) Hexachloroethane	14.335	117	51850	50.376	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	140182	51.932	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19017	48.167	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	73063	55.444	ug/l	99
94) Hexachlorobutadiene	15.506	225	28098	47.139	ug/l	99
95) Naphthalene	15.641	128	245857	56.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73654	52.411	ug/l	98

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

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