

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081016.D
 Acq On : 12 Feb 2024 20:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/13/2024
 Supervised By :Mahesh Dadoda 02/13/2024

Quant Time: Feb 13 03:27:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	695114	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	1172517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1023598	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	427472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	314532	35.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	71.740%#
35) Dibromofluoromethane	8.171	113	304137	48.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	10.571	98	1081703	47.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.853	95	344715	41.696	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	310230	39.393	ug/l	94
3) Chloromethane	2.365	50	352590	43.024	ug/l	96
4) Vinyl Chloride	2.518	62	707976	68.836	ug/l	91
5) Bromomethane	2.948	94	189051	28.573	ug/l	94
6) Chloroethane	3.118	64	236422	32.596	ug/l	99
7) Trichlorofluoromethane	3.501	101	495083	36.763	ug/l	94
8) Diethyl Ether	3.959	74	200932	41.762	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.365	101	317809	41.953	ug/l #	84
10) Methyl Iodide	4.589	142	343653	46.909	ug/l	97
11) Tert butyl alcohol	5.518	59	269016	222.659	ug/l	99
12) 1,1-Dichloroethene	4.342	96	318371	42.721	ug/l #	78
13) Acrolein	4.183	56	338587	222.349	ug/l	97
14) Allyl chloride	5.024	41	340287	34.462	ug/l #	90
15) Acrylonitrile	5.718	53	711370	215.401	ug/l	98
16) Acetone	4.424	43	499068	172.990	ug/l	91
17) Carbon Disulfide	4.718	76	668091	35.542	ug/l #	93
18) Methyl Acetate	5.024	43	364951	42.340	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	1032359	41.588	ug/l	93
20) Methylene Chloride	5.283	84	346683	39.664	ug/l #	78
21) trans-1,2-Dichloroethene	5.783	96	320144	38.269	ug/l #	82
22) Diisopropyl ether	6.671	45	890630	38.913	ug/l #	89
23) Vinyl Acetate	6.600	43	3286121	217.889	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	550649	36.943	ug/l	94
25) 2-Butanone	7.483	43	847741	183.075	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	490930	36.018	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	403143	41.473	ug/l	78
28) Bromochloromethane	7.818	49	231511	37.327	ug/l #	31
29) Tetrahydrofuran	7.841	42	552303	195.084	ug/l #	74
30) Chloroform	7.965	83	664857	40.361	ug/l	99
31) Cyclohexane	8.259	56	444747	37.110	ug/l #	66
32) 1,1,1-Trichloroethane	8.171	97	583440	40.876	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	437862	46.780	ug/l	92
37) Ethyl Acetate	7.559	43	349232	49.310	ug/l #	95
38) Carbon Tetrachloride	8.365	117	389106	40.553	ug/l	97
39) Methylcyclohexane	9.606	83	529869	50.792	ug/l #	81
40) Benzene	8.606	78	1353727	47.514	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	200860	47.589	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	448318	45.193	ug/l	94
43) Isopropyl Acetate	8.688	43	774246	59.450	ug/l #	97
44) Trichloroethene	9.359	130	534000	61.705	ug/l	87
45) 1,2-Dichloropropane	9.624	63	331952	43.182	ug/l	100
46) Dibromomethane	9.712	93	263751	46.399	ug/l #	81
47) Bromodichloromethane	9.894	83	509419	45.817	ug/l #	99
48) Methyl methacrylate	9.682	41	301974	41.154	ug/l #	80
49) 1,4-Dioxane	9.694	88	159592	1177.948	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	1976980	251.891	ug/l	89
52) Toluene	10.635	92	939341	49.221	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	554346	51.525	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	598354	49.547	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	351669	47.677	ug/l	91
56) Ethyl methacrylate	10.877	69	549931	62.324	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	603980	50.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1395818	260.566	ug/l #	78
59) 2-Hexanone	11.200	43	1417926	238.361	ug/l	89
60) Dibromochloromethane	11.365	129	357855	47.481	ug/l	98
61) 1,2-Dibromoethane	11.471	107	393123	53.430	ug/l	98
64) Tetrachloroethene	11.106	164	572321	74.075	ug/l	89
65) Chlorobenzene	11.894	112	974968	45.448	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	341149	44.069	ug/l	96
67) Ethyl Benzene	11.965	91	1688072	45.681	ug/l	96
68) m/p-Xylenes	12.071	106	1331105	94.811	ug/l	90
69) o-Xylene	12.400	106	632205	46.407	ug/l	89
70) Styrene	12.412	104	1024894	50.127	ug/l	95
71) Bromoform	12.582	173	201941	38.948	ug/l #	97
73) Isopropylbenzene	12.700	105	1627294	48.948	ug/l	96
74) N-amyl acetate	12.494	43	553935	46.225	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	421761	40.782	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	378655m	43.444	ug/l	
77) Bromobenzene	12.982	156	384249	45.807	ug/l	62
78) n-propylbenzene	13.041	91	1779283	47.404	ug/l	92
79) 2-Chlorotoluene	13.129	91	1049326	44.238	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	1315738	48.691	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	136980	42.699	ug/l	96
82) 4-Chlorotoluene	13.223	91	1028956	43.478	ug/l	89
83) tert-Butylbenzene	13.441	119	1169332	50.766	ug/l	91
84) 1,2,4-Trimethylbenzene	13.488	105	1287868	47.852	ug/l	93
85) sec-Butylbenzene	13.618	105	1600950	51.724	ug/l	91
86) p-Isopropyltoluene	13.735	119	1353899	51.760	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	691123	46.263	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	688752	45.432	ug/l	95
89) n-Butylbenzene	14.059	91	1099205	47.572	ug/l	95
90) Hexachloroethane	14.335	117	2857	0.693	ug/l	67
91) 1,2-Dichlorobenzene	14.112	146	678145	47.382	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	83693	43.264	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.400	180	423408	59.805	ug/l	98
94) Hexachlorobutadiene	15.506	225	166522	54.252	ug/l	98
95) Naphthalene	15.647	128	1454796	62.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	435178	62.446	ug/l	98

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

