

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082425.D
 Acq On : 03 Jun 2024 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 00:24:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	183240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136321	47.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.220%		
35) Dibromofluoromethane	8.165	113	98535	51.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.780%		
50) Toluene-d8	10.571	98	361071	49.593	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.847	95	136332	52.462	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115834	43.846	ug/l	98
3) Chloromethane	2.359	50	126789	42.347	ug/l	98
4) Vinyl Chloride	2.512	62	129834	46.127	ug/l	99
5) Bromomethane	2.948	94	68459	42.314	ug/l	98
6) Chloroethane	3.118	64	90068	49.006	ug/l	99
7) Trichlorofluoromethane	3.495	101	180992	49.106	ug/l	100
8) Diethyl Ether	3.959	74	68898	52.473	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	106061	49.260	ug/l	97
10) Methyl Iodide	4.595	142	110251	50.937	ug/l	97
11) Tert butyl alcohol	5.524	59	117513	253.012	ug/l	99
12) 1,1-Dichloroethene	4.342	96	95882	47.912	ug/l #	81
13) Acrolein	4.183	56	68482	198.972	ug/l	98
14) Allyl chloride	5.024	41	199462	46.554	ug/l #	91
15) Acrylonitrile	5.718	53	328285	272.915	ug/l	99
16) Acetone	4.424	43	327393	275.833	ug/l	90
17) Carbon Disulfide	4.712	76	247281	38.258	ug/l	98
18) Methyl Acetate	5.024	43	172508	58.361	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	396551	54.212	ug/l	94
20) Methylene Chloride	5.277	84	119582	49.935	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	105501	48.377	ug/l #	83
22) Diisopropyl ether	6.671	45	470975	52.642	ug/l #	90
23) Vinyl Acetate	6.606	43	1821968	258.294	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	236940	51.381	ug/l	96
25) 2-Butanone	7.483	43	499339	277.477	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	212781	55.089	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	131850	51.230	ug/l	79
28) Bromochloromethane	7.818	49	96518	48.072	ug/l #	76
29) Tetrahydrofuran	7.841	42	317466	274.762	ug/l #	82
30) Chloroform	7.965	83	235303	53.434	ug/l	97
31) Cyclohexane	8.259	56	192453	41.645	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	209538	53.634	ug/l	94
36) 1,1-Dichloropropene	8.371	75	160737	50.467	ug/l	95
37) Ethyl Acetate	7.559	43	192625	54.042	ug/l #	93
38) Carbon Tetrachloride	8.365	117	178658	55.336	ug/l	99
39) Methylcyclohexane	9.606	83	168740	48.334	ug/l #	86
40) Benzene	8.606	78	496291	52.255	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	114437	54.591	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	196067	53.676	ug/l	95
43) Isopropyl Acetate	8.688	43	370637	58.684	ug/l #	87
44) Trichloroethene	9.353	130	113872	52.781	ug/l	94
45) 1,2-Dichloropropane	9.624	63	131031	53.471	ug/l	96
46) Dibromomethane	9.712	93	87224	54.216	ug/l	98
47) Bromodichloromethane	9.888	83	193511	56.976	ug/l	98
48) Methyl methacrylate	9.682	41	168019	55.830	ug/l #	82
49) 1,4-Dioxane	9.694	88	48684	1154.439	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1033854	288.107	ug/l	90
52) Toluene	10.629	92	310194	54.424	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	205518	58.508	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	213477	57.415	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	119382	57.638	ug/l	99
56) Ethyl methacrylate	10.877	69	205967	58.571	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	209682	54.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	503204	277.423	ug/l	91
59) 2-Hexanone	11.200	43	786903	299.490	ug/l	89
60) Dibromochloromethane	11.359	129	144539	63.234	ug/l	99
61) 1,2-Dibromoethane	11.471	107	119439	56.142	ug/l	97
64) Tetrachloroethene	11.106	164	109950	51.539	ug/l	96
65) Chlorobenzene	11.894	112	339099	53.331	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	121449	57.987	ug/l	98
67) Ethyl Benzene	11.965	91	609836	53.615	ug/l	99
68) m/p-Xylenes	12.071	106	458132	109.897	ug/l	95
69) o-Xylene	12.400	106	221563	54.868	ug/l	92
70) Styrene	12.412	104	384988	57.397	ug/l	97
71) Bromoform	12.582	173	97891	58.643	ug/l #	100
73) Isopropylbenzene	12.694	105	574699	51.794	ug/l	98
74) N-amyl acetate	12.494	43	311024	50.960	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	171329	53.565	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	160937m	54.746	ug/l	
77) Bromobenzene	12.982	156	138689	52.449	ug/l	90
78) n-propylbenzene	13.035	91	693232	52.760	ug/l	97
79) 2-Chlorotoluene	13.123	91	417539	50.606	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	482126	53.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	70029m	55.719	ug/l	
82) 4-Chlorotoluene	13.223	91	418924	51.931	ug/l	96
83) tert-Butylbenzene	13.441	119	414853	52.853	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	486914	53.046	ug/l	99
85) sec-Butylbenzene	13.618	105	576278	52.969	ug/l	99
86) p-Isopropyltoluene	13.729	119	483992	54.739	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	255379	53.308	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	254806	52.113	ug/l	98
89) n-Butylbenzene	14.059	91	424652	53.434	ug/l	99
90) Hexachloroethane	14.335	117	92722	56.600	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	247822	54.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36824	56.035	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	133223	52.412	ug/l	98
94) Hexachlorobutadiene	15.500	225	57099	51.194	ug/l	98
95) Naphthalene	15.641	128	454236	57.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	135673	53.318	ug/l	96

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

