

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080781.D
 Acq On : 29 Jan 2024 10:14
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 29 10:54:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 10:53:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125208	47.229	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.460%			
35) Dibromofluoromethane	8.171	113	91116	53.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.565	98	361893	55.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.980%			
62) 4-Bromofluorobenzene	12.847	95	123676	49.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	113314	46.202	ug/l	98
3) Chloromethane	2.359	50	153482	47.336	ug/l	97
4) Vinyl Chloride	2.512	62	115847	52.061	ug/l	92
5) Bromomethane	2.948	94	46759	55.286	ug/l	95
6) Chloroethane	3.118	64	62952	46.266	ug/l	98
7) Trichlorofluoromethane	3.495	101	159670	43.451	ug/l	94
8) Diethyl Ether	3.959	74	73462	45.744	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.371	101	94409	47.137	ug/l	91
10) Methyl Iodide	4.583	142	83181	49.667	ug/l	98
11) Tert butyl alcohol	5.512	59	97411	217.268	ug/l	99
12) 1,1-Dichloroethene	4.336	96	97791	43.388	ug/l #	81
13) Acrolein	4.177	56	128644	343.404	ug/l	99
14) Allyl chloride	5.018	41	201761	45.158	ug/l #	90
15) Acrylonitrile	5.718	53	307967	263.044	ug/l	98
16) Acetone	4.424	43	221805	254.843	ug/l	93
17) Carbon Disulfide	4.706	76	316683	45.938	ug/l	96
18) Methyl Acetate	5.018	43	159731	61.630	ug/l #	80
19) Methyl tert-butyl Ether	5.794	73	350337	45.108	ug/l	93
20) Methylene Chloride	5.277	84	115665	45.523	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	107650	47.088	ug/l #	80
22) Diisopropyl ether	6.671	45	442626	52.536	ug/l #	86
23) Vinyl Acetate	6.600	43	1701231	248.090	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	228360	49.515	ug/l	95
25) 2-Butanone	7.483	43	419779	266.822	ug/l #	78
26) 2,2-Dichloropropane	7.488	77	178354	44.219	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	123123	48.854	ug/l	79
28) Bromochloromethane	7.812	49	121473	56.340	ug/l #	58
29) Tetrahydrofuran	7.835	42	284887	268.658	ug/l #	69
30) Chloroform	7.965	83	203098	46.975	ug/l	93
31) Cyclohexane	8.259	56	204488	49.927	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	167884	43.622	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	165158	47.144	ug/l	94
37) Ethyl Acetate	7.559	43	166301	48.954	ug/l #	91
38) Carbon Tetrachloride	8.365	117	140545	44.681	ug/l	96
39) Methylcyclohexane	9.600	83	172384	51.419	ug/l #	80
40) Benzene	8.606	78	490873	49.843	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	93951	47.679	ug/l	#	82
42) 1,2-Dichloroethane	8.671	62	164685	43.679	ug/l		98
43) Isopropyl Acetate	8.688	43	304574	48.775	ug/l	#	87
44) Trichloroethene	9.353	130	103937	46.618	ug/l		97
45) 1,2-Dichloropropane	9.624	63	136707	52.358	ug/l		95
46) Dibromomethane	9.712	93	77501	46.915	ug/l		91
47) Bromodichloromethane	9.888	83	163054	44.471	ug/l	#	95
48) Methyl methacrylate	9.682	41	141075	47.718	ug/l	#	75
49) 1,4-Dioxane	9.694	88	35534	964.630	ug/l	#	70
51) 4-Methyl-2-Pentanone	10.447	43	884890	262.675	ug/l		86
52) Toluene	10.629	92	286529	50.779	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	193279	47.493	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	207297	48.033	ug/l	#	83
55) 1,1,2-Trichloroethane	11.018	97	107469	49.482	ug/l		92
56) Ethyl methacrylate	10.871	69	188914	48.563	ug/l	#	75
57) 1,3-Dichloropropane	11.165	76	204610	51.604	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	495616	265.998	ug/l	#	83
59) 2-Hexanone	11.194	43	688067	276.680	ug/l		85
60) Dibromochloromethane	11.365	129	105007	47.044	ug/l		98
61) 1,2-Dibromoethane	11.470	107	106780	50.014	ug/l		96
64) Tetrachloroethene	11.106	164	82691	47.031	ug/l		93
65) Chlorobenzene	11.894	112	275149	49.190	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	95116	47.893	ug/l		99
67) Ethyl Benzene	11.965	91	526969	49.337	ug/l		96
68) m/p-Xylenes	12.070	106	384367	102.358	ug/l		92
69) o-Xylene	12.400	106	185677	50.571	ug/l		91
70) Styrene	12.412	104	312311	50.092	ug/l		95
71) Bromoform	12.576	173	65535	47.965	ug/l	#	96
73) Isopropylbenzene	12.700	105	459972	46.494	ug/l		98
74) N-amyl acetate	12.494	43	281600	47.431	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	151155	46.578	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	161376m	50.304	ug/l		
77) Bromobenzene	12.982	156	94857	45.143	ug/l		72
78) n-propylbenzene	13.041	91	567034	46.723	ug/l		95
79) 2-Chlorotoluene	13.123	91	339605	43.665	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	376324	45.644	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	60761	44.650	ug/l		93
82) 4-Chlorotoluene	13.223	91	334608	43.885	ug/l		95
83) tert-Butylbenzene	13.441	119	296593	44.998	ug/l		94
84) 1,2,4-Trimethylbenzene	13.482	105	376410	46.429	ug/l		97
85) sec-Butylbenzene	13.617	105	448811	47.924	ug/l		95
86) p-Isopropyltoluene	13.729	119	350552	47.395	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	169197	45.082	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	171426	44.835	ug/l		97
89) n-Butylbenzene	14.059	91	344047	48.258	ug/l		97
90) Hexachloroethane	14.335	117	58680	42.780	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	162750	46.019	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30025	37.166	ug/l		82
93) 1,2,4-Trichlorobenzene	15.400	180	81034	43.995	ug/l		99
94) Hexachlorobutadiene	15.506	225	33054	37.394	ug/l		96
95) Naphthalene	15.641	128	314845	43.434	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	80515	45.161	ug/l		99

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 Supervised By : Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Dadoda

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