

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080657.D
 Acq On : 10 Jan 2024 12:45
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 06:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

01/11/2024

Supervised By :Mahesh

Dadoda

01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111632	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	324549	106.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 213.960%#	
35) Dibromofluoromethane	8.165	113	209684	110.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 220.300%#	
50) Toluene-d8	10.565	98	794761	109.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 218.980%#	
62) 4-Bromofluorobenzene	12.847	95	308848	110.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 221.900%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	286111	101.942	ug/l	99
3) Chloromethane	2.359	50	321942	99.931	ug/l	98
4) Vinyl Chloride	2.512	62	254626	99.995	ug/l	95
5) Bromomethane	2.936	94	87218	90.115	ug/l	97
6) Chloroethane	3.112	64	136081	99.992	ug/l	97
7) Trichlorofluoromethane	3.495	101	426046	101.315	ug/l	98
8) Diethyl Ether	3.954	74	173322	94.312	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.365	101	222757	97.190	ug/l	93
10) Methyl Iodide	4.589	142	197857	103.237	ug/l	93
11) Tert butyl alcohol	5.518	59	242825	473.287	ug/l	97
12) 1,1-Dichloroethene	4.336	96	230936	89.537	ug/l #	69
13) Acrolein	4.171	56	195454	452.574	ug/l	98
14) Allyl chloride	5.018	41	495930	96.997	ug/l #	88
15) Acrylonitrile	5.718	53	635550	474.369	ug/l	99
16) Acetone	4.418	43	503728	505.754	ug/l	91
17) Carbon Disulfide	4.706	76	710519	90.067	ug/l	99
18) Methyl Acetate	5.012	43	290348	97.896	ug/l #	81
19) Methyl tert-butyl Ether	5.789	73	861453	96.927	ug/l	95
20) Methylene Chloride	5.277	84	258611	88.944	ug/l #	74
21) trans-1,2-Dichloroethene	5.777	96	248640	95.040	ug/l #	74
22) Diisopropyl ether	6.671	45	907687	94.145	ug/l #	90
23) Vinyl Acetate	6.600	43	3746619	480.193	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	500095	94.757	ug/l	96
25) 2-Butanone	7.483	43	843008	468.247	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	454055	98.372	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	277211	96.120	ug/l	73
28) Bromochloromethane	7.812	49	237845	96.399	ug/l #	64
29) Tetrahydrofuran	7.836	42	569808	469.568	ug/l #	72
30) Chloroform	7.965	83	482328	97.486	ug/l	90
31) Cyclohexane	8.253	56	420560	89.730	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	437059	108.334	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	374169	95.951	ug/l	94
37) Ethyl Acetate	7.559	43	364514	96.397	ug/l #	91
38) Carbon Tetrachloride	8.359	117	350790	100.188	ug/l	97
39) Methylcyclohexane	9.600	83	362351	97.099	ug/l #	81
40) Benzene	8.606	78	1062755	96.945	ug/l	100

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41) Methacrylonitrile	7.777	41	209014	96.331	ug/l	#	80
42) 1,2-Dichloroethane	8.671	62	424101	101.053	ug/l		95
43) Isopropyl Acetate	8.688	43	677094	97.412	ug/l	#	88
44) Trichloroethene	9.353	130	240871	97.057	ug/l		91
45) 1,2-Dichloropropane	9.624	63	284776	97.984	ug/l		99
46) Dibromomethane	9.712	93	180237	98.019	ug/l		93
47) Bromodichloromethane	9.888	83	393369	96.384	ug/l	#	95
48) Methyl methacrylate	9.683	41	333305	101.282	ug/l	#	75
49) 1,4-Dioxane	9.694	88	80118	1953.908	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.447	43	1826419	487.066	ug/l		87
52) Toluene	10.630	92	623421	99.256	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	467181	103.130	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	481508	100.232	ug/l	#	80
55) 1,1,2-Trichloroethane	11.018	97	238842	98.795	ug/l		92
56) Ethyl methacrylate	10.877	69	428194	98.887	ug/l	#	74
57) 1,3-Dichloropropane	11.165	76	444483	100.709	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	1054775	508.569	ug/l	#	86
59) 2-Hexanone	11.194	43	1358928	490.908	ug/l		85
60) Dibromochloromethane	11.359	129	254142	102.286	ug/l		99
61) 1,2-Dibromoethane	11.471	107	241932	101.801	ug/l		98
64) Tetrachloroethene	11.106	164	184680	93.103	ug/l		98
65) Chlorobenzene	11.894	112	605383	95.930	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	217857	97.232	ug/l		98
67) Ethyl Benzene	11.965	91	1180824	97.991	ug/l		96
68) m/p-Xylenes	12.071	106	841182	198.555	ug/l		88
69) o-Xylene	12.400	106	422112	101.903	ug/l		89
70) Styrene	12.412	104	709009	100.797	ug/l		92
71) Bromoform	12.582	173	159392	103.403	ug/l	#	98
73) Isopropylbenzene	12.700	105	1030275	97.055	ug/l		98
74) N-amyl acetate	12.494	43	602563	94.586	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	329924	94.747	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	318053m	90.684	ug/l		
77) Bromobenzene	12.982	156	223346	99.058	ug/l		71
78) n-propylbenzene	13.035	91	1287943	98.905	ug/l		95
79) 2-Chlorotoluene	13.124	91	797246	95.531	ug/l		93
80) 1,3,5-Trimethylbenzene	13.176	105	863848	97.645	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.735	75	152825	104.600	ug/l	#	80
82) 4-Chlorotoluene	13.223	91	786589	96.144	ug/l		93
83) tert-Butylbenzene	13.441	119	688708	97.379	ug/l		90
84) 1,2,4-Trimethylbenzene	13.482	105	856208	98.424	ug/l		96
85) sec-Butylbenzene	13.618	105	992917	98.809	ug/l		98
86) p-Isopropyltoluene	13.729	119	789677	99.501	ug/l		95
87) 1,3-Dichlorobenzene	13.735	146	387772	96.289	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	399388	97.345	ug/l		97
89) n-Butylbenzene	14.059	91	771227	100.817	ug/l		98
90) Hexachloroethane	14.335	117	150616	102.333	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	380067	100.154	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	78713	99.129	ug/l		79
93) 1,2,4-Trichlorobenzene	15.394	180	201678	102.044	ug/l		97
94) Hexachlorobutadiene	15.506	225	85703	90.359	ug/l		98
95) Naphthalene	15.641	128	755962	97.190	ug/l		100
96) 1,2,3-Trichlorobenzene	15.847	180	192339	100.542	ug/l		99

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

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