

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081573.D
 Acq On : 26 Mar 2024 11:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

03/27/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 27 04:34:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	398628	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	666669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	585262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	248725	48.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.165	113	225571	53.613	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.220%
50) Toluene-d8	10.565	98	792841	52.129	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.847	95	276873	51.664	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	268215	49.970	ug/l	99
3) Chloromethane	2.360	50	258271	48.328	ug/l	95
4) Vinyl Chloride	2.518	62	307739	51.311	ug/l	94
5) Bromomethane	2.959	94	218413	51.494	ug/l	94
6) Chloroethane	3.124	64	210595	51.141	ug/l	99
7) Trichlorofluoromethane	3.495	101	487597	54.550	ug/l	92
8) Diethyl Ether	3.959	74	164092	55.471	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	284661	56.048	ug/l #	87
10) Methyl Iodide	4.595	142	298508	59.020	ug/l	97
11) Tert butyl alcohol	5.524	59	219874	248.192	ug/l #	72
12) 1,1-Dichloroethene	4.342	96	258416	54.930	ug/l	86
13) Acrolein	4.177	56	249491	313.848	ug/l	98
14) Allyl chloride	5.018	41	347862	59.010	ug/l #	91
15) Acrylonitrile	5.718	53	572189	241.428	ug/l	98
16) Acetone	4.424	43	349583	212.786	ug/l	92
17) Carbon Disulfide	4.712	76	659899	48.881	ug/l	96
18) Methyl Acetate	5.018	43	271652	53.633	ug/l #	85
19) Methyl tert-butyl Ether	5.789	73	848336	57.619	ug/l	93
20) Methylene Chloride	5.277	84	285855	53.117	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	285303	54.391	ug/l	93
22) Diisopropyl ether	6.671	45	802985	58.624	ug/l #	94
23) Vinyl Acetate	6.600	43	3013567	276.408	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	506821	55.245	ug/l	95
25) 2-Butanone	7.483	43	634277	225.089	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	481664	60.534	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	329364	55.496	ug/l	86
28) Bromochloromethane	7.812	49	156679	41.930	ug/l #	51
29) Tetrahydrofuran	7.836	42	445502	234.683	ug/l #	77
30) Chloroform	7.965	83	555921	56.605	ug/l	98
31) Cyclohexane	8.253	56	409319	49.480	ug/l #	72
32) 1,1,1-Trichloroethane	8.171	97	497048	55.783	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	405102	57.214	ug/l	95
37) Ethyl Acetate	7.559	43	290907	47.980	ug/l	98
38) Carbon Tetrachloride	8.359	117	444071	57.252	ug/l	99
39) Methylcyclohexane	9.600	83	477098	60.338	ug/l	87
40) Benzene	8.606	78	1181288	57.066	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	159404	49.715	ug/l	#	89
42) 1,2-Dichloroethane	8.671	62	401078	55.056	ug/l		97
43) Isopropyl Acetate	8.689	43	512522	50.997	ug/l	#	89
44) Trichloroethene	9.353	130	328908	56.494	ug/l		93
45) 1,2-Dichloropropane	9.624	63	292625	58.329	ug/l		95
46) Dibromomethane	9.706	93	212060	55.661	ug/l	#	87
47) Bromodichloromethane	9.888	83	429725	57.690	ug/l	#	98
48) Methyl methacrylate	9.683	41	239731	51.716	ug/l	#	81
49) 1,4-Dioxane	9.700	88	95128	853.943	ug/l	#	67
51) 4-Methyl-2-Pentanone	10.447	43	1491120	243.150	ug/l		90
52) Toluene	10.630	92	758466	57.647	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	468979	58.306	ug/l		96
54) cis-1,3-Dichloropropene	10.312	75	509239	59.050	ug/l	#	88
55) 1,1,2-Trichloroethane	11.018	97	293013	55.339	ug/l		92
56) Ethyl methacrylate	10.877	69	416466	52.536	ug/l	#	83
57) 1,3-Dichloropropane	11.165	76	502616	57.905	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	892100	267.761	ug/l	#	85
59) 2-Hexanone	11.194	43	1086519	239.638	ug/l		90
60) Dibromochloromethane	11.359	129	331591	56.943	ug/l		97
61) 1,2-Dibromoethane	11.471	107	298896	55.369	ug/l		97
64) Tetrachloroethene	11.106	164	328833	58.779	ug/l		89
65) Chlorobenzene	11.888	112	799279	57.770	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	307454	59.958	ug/l		97
67) Ethyl Benzene	11.965	91	1456960	60.622	ug/l		97
68) m/p-Xylenes	12.071	106	1124341	124.792	ug/l		94
69) o-Xylene	12.400	106	537109	60.724	ug/l		95
70) Styrene	12.412	104	902242	63.247	ug/l		95
71) Bromoform	12.577	173	209504	54.369	ug/l	#	95
73) Isopropylbenzene	12.694	105	1425547	59.193	ug/l		97
74) N-amyl acetate	12.494	43	458658	52.627	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	352196	49.740	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	316944m	46.898	ug/l		
77) Bromobenzene	12.982	156	329194	55.335	ug/l		68
78) n-propylbenzene	13.035	91	1689452	59.403	ug/l		95
79) 2-Chlorotoluene	13.124	91	968161	56.877	ug/l		90
80) 1,3,5-Trimethylbenzene	13.176	105	1203770	60.517	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.735	75	128675	51.452	ug/l	#	85
82) 4-Chlorotoluene	13.224	91	991231	59.064	ug/l		94
83) tert-Butylbenzene	13.441	119	1024076	59.703	ug/l		91
84) 1,2,4-Trimethylbenzene	13.482	105	1197691	59.908	ug/l		95
85) sec-Butylbenzene	13.618	105	1479007	60.316	ug/l		93
86) p-Isopropyltoluene	13.729	119	1244442	62.084	ug/l		96
87) 1,3-Dichlorobenzene	13.735	146	626405	57.309	ug/l		96
88) 1,4-Dichlorobenzene	13.812	146	623741	55.111	ug/l		96
89) n-Butylbenzene	14.059	91	1095424	61.631	ug/l		96
90) Hexachloroethane	14.335	117	216635	57.068	ug/l		90
91) 1,2-Dichlorobenzene	14.106	146	611466	58.122	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	75336	49.994	ug/l		68
93) 1,2,4-Trichlorobenzene	15.394	180	375971	61.807	ug/l		97
94) Hexachlorobutadiene	15.500	225	151792	56.873	ug/l		99
95) Naphthalene	15.641	128	1174741	59.599	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	370653	60.578	ug/l		98

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

