

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081841.D
 Acq On : 25 Apr 2024 10:21
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 26 04:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 04:43:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2024
 Supervised By : Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	245992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	462412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	402071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	425399	102.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 204.920%#			
35) Dibromofluoromethane	8.165	113	288842	103.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 207.500%#			
50) Toluene-d8	10.565	98	1156893	105.803	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 211.600%#			
62) 4-Bromofluorobenzene	12.847	95	457092	105.749	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 211.500%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	340517	98.611	ug/l	99
3) Chloromethane	2.359	50	322922	89.641	ug/l	98
4) Vinyl Chloride	2.512	62	319852	98.086	ug/l	96
5) Bromomethane	2.942	94	128770	97.700	ug/l	92
6) Chloroethane	3.112	64	150592	91.371	ug/l	97
7) Trichlorofluoromethane	3.495	101	496957	98.517	ug/l	99
8) Diethyl Ether	3.959	74	208707	97.399	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	292619	99.917	ug/l	95
10) Methyl Iodide	4.589	142	295632	115.252	ug/l	99
11) Tert butyl alcohol	5.518	59	355337	470.807	ug/l	99
12) 1,1-Dichloroethene	4.336	96	289054	97.017	ug/l	84
13) Acrolein	4.171	56	288271	496.833	ug/l	97
14) Allyl chloride	5.018	41	578685	91.823	ug/l #	89
15) Acrylonitrile	5.712	53	854163	471.310	ug/l	99
16) Acetone	4.418	43	602138	495.821	ug/l	96
17) Carbon Disulfide	4.712	76	816687	91.199	ug/l	98
18) Methyl Acetate	5.018	43	401619	95.505	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	1099803	97.825	ug/l	98
20) Methylene Chloride	5.271	84	323585	90.947	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	291620	89.770	ug/l #	77
22) Diisopropyl ether	6.671	45	1156557	94.838	ug/l #	95
23) Vinyl Acetate	6.600	43	4734145	477.776	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	623068	98.161	ug/l	97
25) 2-Butanone	7.477	43	1109358	470.786	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	582485	99.758	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	360393	94.940	ug/l	81
28) Bromochloromethane	7.812	49	288694	95.696	ug/l #	76
29) Tetrahydrofuran	7.835	42	757578	448.324	ug/l	89
30) Chloroform	7.965	83	610808	97.082	ug/l	98
31) Cyclohexane	8.259	56	559784	89.504	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	541022	96.424	ug/l	95
36) 1,1-Dichloropropene	8.371	75	436366	96.340	ug/l	97
37) Ethyl Acetate	7.559	43	481106	98.240	ug/l	96
38) Carbon Tetrachloride	8.365	117	445583	100.655	ug/l	99
39) Methylcyclohexane	9.600	83	537143	97.647	ug/l #	88
40) Benzene	8.606	78	1318423	96.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	271393	86.850	ug/l	91
42) 1,2-Dichloroethane	8.671	62	489838	97.016	ug/l	96
43) Isopropyl Acetate	8.688	43	869862	94.466	ug/l	93
44) Trichloroethene	9.347	130	302220	96.405	ug/l	91
45) 1,2-Dichloropropane	9.624	63	339423	95.384	ug/l	100
46) Dibromomethane	9.706	93	220752	89.754	ug/l	91
47) Bromodichloromethane	9.888	83	496562	95.732	ug/l #	99
48) Methyl methacrylate	9.682	41	422030	96.006	ug/l #	85
49) 1,4-Dioxane	9.694	88	126727	1896.737	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	2417566	466.377	ug/l	93
52) Toluene	10.629	92	786156	96.548	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	557427	98.765	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	582186	100.085	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	291834	91.131	ug/l	99
56) Ethyl methacrylate	10.876	69	574654	94.238	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	545095	95.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1049596	377.836	ug/l	90
59) 2-Hexanone	11.194	43	1849296	479.374	ug/l	94
60) Dibromochloromethane	11.359	129	340727	100.455	ug/l	98
61) 1,2-Dibromoethane	11.471	107	297720	97.217	ug/l	99
64) Tetrachloroethene	11.100	164	279072	95.565	ug/l #	89
65) Chlorobenzene	11.888	112	833410	94.917	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	276434	96.872	ug/l	99
67) Ethyl Benzene	11.965	91	1558689	95.454	ug/l	96
68) m/p-Xylenes	12.070	106	1117559	191.871	ug/l	87
69) o-Xylene	12.400	106	539679	94.906	ug/l	85
70) Styrene	12.412	104	946741	96.242	ug/l #	92
71) Bromoform	12.576	173	208351	92.872	ug/l #	98
73) Isopropylbenzene	12.694	105	1437676	96.146	ug/l	97
74) N-amyl acetate	12.494	43	766177	92.032	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	394509	87.856	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	388578m	88.925	ug/l	
77) Bromobenzene	12.982	156	291747	93.237	ug/l	64
78) n-propylbenzene	13.035	91	1755307	96.640	ug/l	95
79) 2-Chlorotoluene	13.123	91	1093636	94.638	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	1224347	96.760	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.735	75	189736	89.160	ug/l #	83
82) 4-Chlorotoluene	13.223	91	1095480	97.643	ug/l	89
83) tert-Butylbenzene	13.441	119	1001964	95.087	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	1217966	96.387	ug/l	94
85) sec-Butylbenzene	13.617	105	1458544	98.265	ug/l	95
86) p-Isopropyltoluene	13.729	119	1155674	96.969	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	541857	92.806	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	554372	96.421	ug/l	94
89) n-Butylbenzene	14.059	91	1148349	103.517	ug/l	97
90) Hexachloroethane	14.335	117	236917	101.054	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	532538	95.146	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	105543	96.543	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	311969	99.629	ug/l	97
94) Hexachlorobutadiene	15.500	225	119459	103.503	ug/l	96
95) Naphthalene	15.641	128	1185969	100.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	299699	99.687	ug/l	95

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

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