

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081509.D
 Acq On : 21 Mar 2024 10:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 05:01:48 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2024
 Supervised By :Mahesh Dadoda 03/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	458967	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	774409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	682614	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	279778	47.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.600%		
35) Dibromofluoromethane	8.165	113	239063	48.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.840%		
50) Toluene-d8	10.565	98	852650	48.262	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.520%		
62) 4-Bromofluorobenzene	12.847	95	304455	48.907	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	268568	43.458	ug/l	99
3) Chloromethane	2.359	50	258083	41.944	ug/l	96
4) Vinyl Chloride	2.518	62	356048	51.561	ug/l	95
5) Bromomethane	2.959	94	228424	46.774	ug/l	93
6) Chloroethane	3.124	64	201645	42.530	ug/l	95
7) Trichlorofluoromethane	3.501	101	501959	48.774	ug/l	99
8) Diethyl Ether	3.959	74	185068	54.337	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	289214	49.458	ug/l #	86
10) Methyl Iodide	4.589	142	322324	55.350	ug/l	97
11) Tert butyl alcohol	5.524	59	219544	215.239	ug/l	99
12) 1,1-Dichloroethene	4.342	96	270778	49.991	ug/l	85
13) Acrolein	4.177	56	295816	323.201	ug/l	99
14) Allyl chloride	5.024	41	374199	55.132	ug/l #	91
15) Acrylonitrile	5.718	53	592518	217.138	ug/l	97
16) Acetone	4.430	43	340082	179.789	ug/l	100
17) Carbon Disulfide	4.712	76	717033	46.130	ug/l	97
18) Methyl Acetate	5.024	43	271348	46.530	ug/l #	85
19) Methyl tert-butyl Ether	5.789	73	925432	54.592	ug/l	95
20) Methylene Chloride	5.277	84	306375	49.446	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	296213	49.047	ug/l	91
22) Diisopropyl ether	6.665	45	862771	54.708	ug/l #	92
23) Vinyl Acetate	6.600	43	3253986	259.222	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	530592	50.233	ug/l	97
25) 2-Butanone	7.483	43	658319	202.908	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	491241	53.621	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	362319	53.023	ug/l	84
28) Bromochloromethane	7.812	49	184414	42.864	ug/l #	50
29) Tetrahydrofuran	7.836	42	455328	208.325	ug/l #	78
30) Chloroform	7.965	83	583858	51.634	ug/l	100
31) Cyclohexane	8.253	56	444549	46.674	ug/l #	76
32) 1,1,1-Trichloroethane	8.165	97	525136	51.188	ug/l	90
36) 1,1-Dichloropropene	8.371	75	430152	52.300	ug/l	96
37) Ethyl Acetate	7.559	43	301239	42.772	ug/l	95
38) Carbon Tetrachloride	8.359	117	460708	51.134	ug/l	98
39) Methylcyclohexane	9.600	83	496076	54.010	ug/l #	82
40) Benzene	8.606	78	1256925	52.272	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	169229	45.436	ug/l #	90
42) 1,2-Dichloroethane	8.665	62	436799	51.618	ug/l	98
43) Isopropyl Acetate	8.688	43	551654	47.254	ug/l #	89
44) Trichloroethene	9.353	130	350187	51.781	ug/l	94
45) 1,2-Dichloropropane	9.618	63	314764	54.013	ug/l	100
46) Dibromomethane	9.706	93	227383	51.379	ug/l #	87
47) Bromodichloromethane	9.888	83	464081	53.634	ug/l #	98
48) Methyl methacrylate	9.682	41	261212	48.511	ug/l #	84
49) 1,4-Dioxane	9.700	88	89140	688.863	ug/l #	65
51) 4-Methyl-2-Pentanone	10.441	43	1564189	219.579	ug/l	91
52) Toluene	10.629	92	796798	52.135	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	506306	54.189	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	540030	53.908	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	313763	51.013	ug/l	91
56) Ethyl methacrylate	10.871	69	455645	49.789	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	531104	52.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1077238	278.346	ug/l #	84
59) 2-Hexanone	11.194	43	1117965	212.269	ug/l	90
60) Dibromochloromethane	11.359	129	347939	51.438	ug/l	99
61) 1,2-Dibromoethane	11.471	107	318226	50.748	ug/l	97
64) Tetrachloroethene	11.106	164	351259	53.833	ug/l	93
65) Chlorobenzene	11.888	112	859981	53.292	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	325539	54.431	ug/l	96
67) Ethyl Benzene	11.965	91	1548662	55.248	ug/l	99
68) m/p-Xylenes	12.071	106	1187144	112.971	ug/l	94
69) o-Xylene	12.400	106	569672	55.220	ug/l	96
70) Styrene	12.412	104	942875	56.669	ug/l	96
71) Bromoform	12.576	173	225491	50.173	ug/l #	96
73) Isopropylbenzene	12.694	105	1494928	54.592	ug/l	97
74) N-amyl acetate	12.494	43	488271	49.271	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	361686	44.923	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	373725m	48.634	ug/l	
77) Bromobenzene	12.982	156	345601	51.090	ug/l	68
78) n-propylbenzene	13.035	91	1759750	54.416	ug/l	96
79) 2-Chlorotoluene	13.123	91	1015933	52.489	ug/l	92
80) 1,3,5-Trimethylbenzene	13.171	105	1270147	56.157	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	137096	48.211	ug/l	93
82) 4-Chlorotoluene	13.223	91	1031864	54.074	ug/l	93
83) tert-Butylbenzene	13.435	119	1066339	54.673	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1261575	55.497	ug/l	93
85) sec-Butylbenzene	13.618	105	1524518	54.678	ug/l	93
86) p-Isopropyltoluene	13.729	119	1300431	57.057	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	653773	52.603	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	659264	51.228	ug/l	96
89) n-Butylbenzene	14.059	91	1119024	55.370	ug/l	97
90) Hexachloroethane	14.335	117	219023	50.742	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	630242	52.686	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	73548	42.924	ug/l	65
93) 1,2,4-Trichlorobenzene	15.394	180	388962	56.235	ug/l	98
94) Hexachlorobutadiene	15.500	225	160593	52.917	ug/l	95
95) Naphthalene	15.641	128	1203601	53.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	380841	54.740	ug/l	98

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

