

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082254.D
 Acq On : 21 May 2024 20:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 01:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	202715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145422	45.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.860%		
35) Dibromofluoromethane	8.171	113	98255	46.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.060%		
50) Toluene-d8	10.571	98	369078	45.103	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.200%		
62) 4-Bromofluorobenzene	12.847	95	138866	47.546	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129792	44.409	ug/l	100
3) Chloromethane	2.359	50	144249	43.550	ug/l	100
4) Vinyl Chloride	2.512	62	144743	46.483	ug/l	99
5) Bromomethane	2.948	94	73659	41.155	ug/l	98
6) Chloroethane	3.118	64	97489	47.948	ug/l	98
7) Trichlorofluoromethane	3.495	101	192290	47.159	ug/l	98
8) Diethyl Ether	3.959	74	75663	52.089	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	105607	44.337	ug/l	99
10) Methyl Iodide	4.589	142	124141	51.844	ug/l	92
11) Tert butyl alcohol	5.524	59	128030	249.173	ug/l	98
12) 1,1-Dichloroethene	4.342	96	106968	48.317	ug/l	83
13) Acrolein	4.183	56	90395	237.407	ug/l	97
14) Allyl chloride	5.024	41	218694	46.139	ug/l #	91
15) Acrylonitrile	5.718	53	347779	261.345	ug/l	99
16) Acetone	4.424	43	308186	234.706	ug/l	89
17) Carbon Disulfide	4.712	76	296851	41.515	ug/l	98
18) Methyl Acetate	5.024	43	170453	52.125	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	424159	52.416	ug/l	94
20) Methylene Chloride	5.283	84	128014	48.320	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	114427	47.429	ug/l #	80
22) Diisopropyl ether	6.671	45	508196	51.345	ug/l #	92
23) Vinyl Acetate	6.606	43	2023750	259.337	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	251149	49.230	ug/l	97
25) 2-Butanone	7.483	43	507892	255.116	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	176614	41.332	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	141515	49.703	ug/l	82
28) Bromochloromethane	7.812	49	102605	46.110	ug/l #	76
29) Tetrahydrofuran	7.841	42	340628	266.486	ug/l #	82
30) Chloroform	7.971	83	248329	50.974	ug/l	98
31) Cyclohexane	8.259	56	207752	40.637	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	216083	49.996	ug/l	93
36) 1,1-Dichloropropene	8.371	75	167786	46.872	ug/l	96
37) Ethyl Acetate	7.565	43	211129	52.702	ug/l	96
38) Carbon Tetrachloride	8.365	117	182184	50.206	ug/l	99
39) Methylcyclohexane	9.600	83	175896	44.828	ug/l #	86
40) Benzene	8.612	78	531562	49.797	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	119015	50.515	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	207323	50.500	ug/l	95
43) Isopropyl Acetate	8.694	43	406594	57.279	ug/l #	86
44) Trichloroethene	9.359	130	116810	48.173	ug/l	99
45) 1,2-Dichloropropane	9.624	63	138041	50.121	ug/l	98
46) Dibromomethane	9.712	93	90590	50.100	ug/l	98
47) Bromodichloromethane	9.888	83	196509	51.479	ug/l	99
48) Methyl methacrylate	9.682	41	178926	52.899	ug/l #	82
49) 1,4-Dioxane	9.694	88	51956	1096.185	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1107757	274.664	ug/l	90
52) Toluene	10.635	92	326494	50.968	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	207667	52.602	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	217259	51.989	ug/l #	76
55) 1,1,2-Trichloroethane	11.018	97	123703	53.139	ug/l	97
56) Ethyl methacrylate	10.876	69	223111	56.450	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	222391	51.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	546751	268.195	ug/l	90
59) 2-Hexanone	11.200	43	817522	276.837	ug/l	89
60) Dibromochloromethane	11.359	129	143814	55.980	ug/l	99
61) 1,2-Dibromoethane	11.471	107	125285	52.397	ug/l	98
64) Tetrachloroethene	11.106	164	112937	47.780	ug/l	95
65) Chlorobenzene	11.894	112	350544	49.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	124458	53.632	ug/l	98
67) Ethyl Benzene	11.965	91	631886	50.139	ug/l	98
68) m/p-Xylenes	12.071	106	468569	101.446	ug/l	93
69) o-Xylene	12.400	106	232410	51.944	ug/l	93
70) Styrene	12.412	104	396291	53.324	ug/l	96
71) Bromoform	12.582	173	95185	51.550	ug/l #	99
73) Isopropylbenzene	12.700	105	587600	48.560	ug/l	98
74) N-amyl acetate	12.494	43	345077	51.844	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	174978	50.164	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	167708m	52.313	ug/l	
77) Bromobenzene	12.982	156	141649	49.120	ug/l	87
78) n-propylbenzene	13.035	91	698731	48.763	ug/l	97
79) 2-Chlorotoluene	13.129	91	427712	47.535	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	496608	50.755	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	64440	47.015	ug/l #	79
82) 4-Chlorotoluene	13.223	91	427512	48.595	ug/l	94
83) tert-Butylbenzene	13.441	119	418208	48.856	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	505765	50.524	ug/l	96
85) sec-Butylbenzene	13.617	105	582367	49.084	ug/l	98
86) p-Isopropyltoluene	13.729	119	486559	50.460	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	254185	48.653	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	252296	47.316	ug/l	97
89) n-Butylbenzene	14.059	91	428483	49.440	ug/l	98
90) Hexachloroethane	14.335	117	90070	50.416	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	246694	49.885	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38995	54.411	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	140533	50.697	ug/l	99
94) Hexachlorobutadiene	15.500	225	53775	44.210	ug/l	98
95) Naphthalene	15.641	128	485505	55.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141228	50.893	ug/l	99

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

