

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082256.D
 Acq On : 21 May 2024 22:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 01:34:08 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	8.229	168	195012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150573	48.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.800%		
35) Dibromofluoromethane	8.171	113	103682	49.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	10.571	98	387366	48.211	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.420%		
62) 4-Bromofluorobenzene	12.853	95	143464	50.026	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	134326	47.776	ug/l	100
3) Chloromethane	2.365	50	141402	44.377	ug/l	96
4) Vinyl Chloride	2.512	62	141140	47.117	ug/l	100
5) Bromomethane	2.947	94	73404	42.632	ug/l	100
6) Chloroethane	3.112	64	94504	48.316	ug/l	94
7) Trichlorofluoromethane	3.495	101	200593	51.138	ug/l	99
8) Diethyl Ether	3.959	74	72813	52.107	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	112280	49.001	ug/l	99
10) Methyl Iodide	4.594	142	120885	52.478	ug/l	99
11) Tert butyl alcohol	5.524	59	133370	269.819	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108028	50.723	ug/l #	79
13) Acrolein	4.177	56	86829	237.050	ug/l	96
14) Allyl chloride	5.024	41	212732	46.654	ug/l #	90
15) Acrylonitrile	5.724	53	345879	270.184	ug/l	99
16) Acetone	4.430	43	312703	247.552	ug/l	89
17) Carbon Disulfide	4.718	76	299171	43.492	ug/l	100
18) Methyl Acetate	5.024	43	171611	54.552	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	411063	52.804	ug/l	95
20) Methylene Chloride	5.271	84	126437	49.610	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	113896	49.074	ug/l #	79
22) Diisopropyl ether	6.671	45	494582	51.944	ug/l #	92
23) Vinyl Acetate	6.606	43	1965982	261.886	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	250121	50.965	ug/l	97
25) 2-Butanone	7.482	43	511739	267.202	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	164995	40.139	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	139017	50.754	ug/l	83
28) Bromochloromethane	7.818	49	107414	50.376	ug/l #	75
29) Tetrahydrofuran	7.841	42	340599	276.988	ug/l #	82
30) Chloroform	7.965	83	245112	52.301	ug/l	100
31) Cyclohexane	8.259	56	222810	45.304	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	216385	52.044	ug/l	93
36) 1,1-Dichloropropene	8.377	75	171808	48.881	ug/l	96
37) Ethyl Acetate	7.565	43	207375	52.720	ug/l #	96
38) Carbon Tetrachloride	8.365	117	184777	51.860	ug/l	98
39) Methylcyclohexane	9.600	83	192136	49.870	ug/l #	88
40) Benzene	8.606	78	529166	50.487	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	117373	50.737	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	204450	50.718	ug/l	95
43) Isopropyl Acetate	8.688	43	389940	55.946	ug/l #	88
44) Trichloroethene	9.353	130	115237	48.401	ug/l	91
45) 1,2-Dichloropropane	9.624	63	137180	50.727	ug/l	99
46) Dibromomethane	9.712	93	90641	51.052	ug/l	98
47) Bromodichloromethane	9.888	83	193032	51.501	ug/l	99
48) Methyl methacrylate	9.682	41	177876	53.558	ug/l #	82
49) 1,4-Dioxane	9.694	88	53997	1160.254	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1099961	277.760	ug/l	89
52) Toluene	10.635	92	327144	52.011	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	198807	51.286	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	206673	50.368	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	120329	52.642	ug/l	98
56) Ethyl methacrylate	10.876	69	215252	55.466	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	218245	51.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	540741	270.138	ug/l	91
59) 2-Hexanone	11.200	43	814103	280.762	ug/l	89
60) Dibromochloromethane	11.359	129	140748	55.797	ug/l	98
61) 1,2-Dibromoethane	11.470	107	123378	52.550	ug/l	98
64) Tetrachloroethene	11.106	164	119944	52.178	ug/l	96
65) Chlorobenzene	11.894	112	345704	50.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118740	52.614	ug/l	99
67) Ethyl Benzene	11.965	91	637107	51.982	ug/l	96
68) m/p-Xylenes	12.070	106	476716	106.125	ug/l	94
69) o-Xylene	12.400	106	231897	53.294	ug/l	93
70) Styrene	12.412	104	395049	54.659	ug/l	96
71) Bromoform	12.582	173	93143	51.865	ug/l #	99
73) Isopropylbenzene	12.700	105	593917	51.071	ug/l	98
74) N-amyl acetate	12.494	43	329223	51.468	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	170033	50.722	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	165581m	53.743	ug/l	
77) Bromobenzene	12.982	156	139082	50.185	ug/l	88
78) n-propylbenzene	13.035	91	706482	51.303	ug/l	97
79) 2-Chlorotoluene	13.129	91	427339	49.419	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	494058	52.541	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	62102	47.146	ug/l #	80
82) 4-Chlorotoluene	13.223	91	427799	50.599	ug/l	95
83) tert-Butylbenzene	13.441	119	425478	51.721	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	500800	52.056	ug/l	97
85) sec-Butylbenzene	13.617	105	596183	52.285	ug/l	98
86) p-Isopropyltoluene	13.729	119	493119	53.213	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	252017	50.194	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	252683	49.309	ug/l	98
89) n-Butylbenzene	14.059	91	422745	50.755	ug/l	98
90) Hexachloroethane	14.335	117	89092	51.890	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	244003	51.341	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37400	54.301	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	133189	49.995	ug/l	98
94) Hexachlorobutadiene	15.500	225	53678	45.919	ug/l	98
95) Naphthalene	15.641	128	454809	54.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	135634	50.858	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

