

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082229.D
 Acq On : 21 May 2024 10:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 01:22:04 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	191223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157201	52.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.120%	
35) Dibromofluoromethane	8.171	113	109160	52.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	10.571	98	392627	49.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.847	95	153238	53.811	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119181	43.229	ug/l	100
3) Chloromethane	2.359	50	140499	44.967	ug/l	99
4) Vinyl Chloride	2.512	62	128901	43.884	ug/l	99
5) Bromomethane	2.954	94	77974	46.184	ug/l	94
6) Chloroethane	3.118	64	86649	45.178	ug/l	98
7) Trichlorofluoromethane	3.501	101	170159	44.239	ug/l	99
8) Diethyl Ether	3.959	74	74736	54.543	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	99258	44.176	ug/l	97
10) Methyl Iodide	4.589	142	116533	51.591	ug/l	96
11) Tert butyl alcohol	5.512	59	120192	247.977	ug/l	99
12) 1,1-Dichloroethene	4.342	96	95521	45.739	ug/l #	76
13) Acrolein	4.177	56	103642	288.557	ug/l	97
14) Allyl chloride	5.018	41	210514	47.082	ug/l #	91
15) Acrylonitrile	5.718	53	336946	268.421	ug/l	99
16) Acetone	4.424	43	296479	239.359	ug/l	89
17) Carbon Disulfide	4.712	76	284619	42.197	ug/l	98
18) Methyl Acetate	5.024	43	164362	53.283	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	415036	54.371	ug/l	92
20) Methylene Chloride	5.283	84	125788	50.334	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	110043	48.353	ug/l #	78
22) Diisopropyl ether	6.671	45	497549	53.291	ug/l #	92
23) Vinyl Acetate	6.600	43	2016425	273.928	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	240827	50.044	ug/l	97
25) 2-Butanone	7.483	43	486046	258.815	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	196774	48.818	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	139496	51.938	ug/l	80
28) Bromochloromethane	7.812	49	110746	53.101	ug/l #	75
29) Tetrahydrofuran	7.836	42	327792	271.855	ug/l #	81
30) Chloroform	7.965	83	241692	52.593	ug/l	97
31) Cyclohexane	8.259	56	191451	39.699	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	197825	48.522	ug/l	93
36) 1,1-Dichloropropene	8.371	75	156130	44.734	ug/l	96
37) Ethyl Acetate	7.559	43	204238	52.289	ug/l	94
38) Carbon Tetrachloride	8.359	117	162405	45.903	ug/l	100
39) Methylcyclohexane	9.600	83	168475	44.038	ug/l #	84
40) Benzene	8.606	78	515216	49.503	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	7.777	41	119620	52.073	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	205374	51.307	ug/l	95
43) Isopropyl Acetate	8.688	43	386235	55.806	ug/l #	87
44) Trichloroethene	9.353	130	114052	48.242	ug/l	100
45) 1,2-Dichloropropane	9.624	63	133442	49.693	ug/l	99
46) Dibromomethane	9.712	93	91061	51.651	ug/l	100
47) Bromodichloromethane	9.888	83	194588	52.282	ug/l	99
48) Methyl methacrylate	9.682	41	176035	53.378	ug/l #	82
49) 1,4-Dioxane	9.694	88	50122	1084.596	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1062275	270.138	ug/l	90
52) Toluene	10.629	92	319464	51.149	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	213158	55.376	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	220775	54.185	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	121266	53.427	ug/l	99
56) Ethyl methacrylate	10.877	69	217056	56.326	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	222203	52.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	537330	270.330	ug/l	90
59) 2-Hexanone	11.194	43	771997	268.121	ug/l	89
60) Dibromochloromethane	11.359	129	143616	57.336	ug/l	99
61) 1,2-Dibromoethane	11.471	107	123101	52.803	ug/l	99
64) Tetrachloroethene	11.106	164	114058	47.647	ug/l	94
65) Chlorobenzene	11.894	112	340299	47.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	121608	51.745	ug/l	99
67) Ethyl Benzene	11.965	91	610542	47.836	ug/l	97
68) m/p-Xylenes	12.071	106	455590	97.395	ug/l	93
69) o-Xylene	12.400	106	228527	50.434	ug/l	95
70) Styrene	12.412	104	393017	52.218	ug/l	96
71) Bromoform	12.576	173	96247	51.471	ug/l #	98
73) Isopropylbenzene	12.694	105	555857	44.975	ug/l	98
74) N-amyl acetate	12.494	43	326202	47.983	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	168963	47.426	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	161543m	49.335	ug/l	
77) Bromobenzene	12.982	156	138823	47.133	ug/l	87
78) n-propylbenzene	13.035	91	676700	46.238	ug/l	97
79) 2-Chlorotoluene	13.123	91	418913	45.583	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	475267	47.557	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	66757	47.686	ug/l #	80
82) 4-Chlorotoluene	13.223	91	426659	47.484	ug/l	94
83) tert-Butylbenzene	13.441	119	395745	45.265	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	491422	48.064	ug/l	98
85) sec-Butylbenzene	13.618	105	556551	45.926	ug/l	97
86) p-Isopropyltoluene	13.729	119	473306	48.058	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	258061	48.361	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	257726	47.323	ug/l	98
89) n-Butylbenzene	14.059	91	418104	47.233	ug/l	98
90) Hexachloroethane	14.335	117	86447	47.376	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	247499	49.000	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36229	49.494	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	139912	49.417	ug/l	97
94) Hexachlorobutadiene	15.506	225	54044	43.502	ug/l	98
95) Naphthalene	15.641	128	464440	52.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141118	49.789	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

