

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080507.D
 Acq On : 15 Dec 2023 17:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 02:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	332719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	524147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	459731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	201282	47.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.740%		
35) Dibromofluoromethane	8.165	113	160240	48.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	10.570	98	596480	48.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.260%		
62) 4-Bromofluorobenzene	12.853	95	220451	46.841	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	175083	41.178	ug/l	98
3) Chloromethane	2.359	50	171946	38.256	ug/l	98
4) Vinyl Chloride	2.512	62	144080	39.679	ug/l	98
5) Bromomethane	2.947	94	64217	39.226	ug/l	97
6) Chloroethane	3.118	64	89631	38.414	ug/l	97
7) Trichlorofluoromethane	3.494	101	299707	40.694	ug/l	97
8) Diethyl Ether	3.959	74	98504	42.463	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	147770	42.331	ug/l	94
10) Methyl Iodide	4.583	142	108754	35.419	ug/l	95
11) Tert butyl alcohol	5.518	59	117978	235.728	ug/l	99
12) 1,1-Dichloroethene	4.336	96	144447	40.384	ug/l	90
13) Acrolein	4.171	56	105048	191.659	ug/l	95
14) Allyl chloride	5.018	41	201831	45.608	ug/l	94
15) Acrylonitrile	5.718	53	318699	225.365	ug/l	99
16) Acetone	4.418	43	214412	284.555	ug/l	100
17) Carbon Disulfide	4.712	76	379569	37.445	ug/l	100
18) Methyl Acetate	5.018	43	227422	46.907	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	519567	43.539	ug/l	99
20) Methylene Chloride	5.277	84	164595	40.817	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	160052	41.268	ug/l	89
22) Diisopropyl ether	6.665	45	419296	43.899	ug/l	94
23) Vinyl Acetate	6.600	43	1173146	213.856	ug/l	94
24) 1,1-Dichloroethane	6.565	63	289692	43.472	ug/l	100
25) 2-Butanone	7.482	43	354874	244.479	ug/l	91
26) 2,2-Dichloropropane	7.494	77	273168	40.088	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	185371	42.226	ug/l	91
28) Bromochloromethane	7.812	49	112123	43.822	ug/l	100
29) Tetrahydrofuran	7.835	42	233402	224.548	ug/l	92
30) Chloroform	7.965	83	317159	42.877	ug/l	93
31) Cyclohexane	8.253	56	229833	39.770	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	301319	41.604	ug/l	99
36) 1,1-Dichloropropene	8.371	75	231083	42.527	ug/l	96
37) Ethyl Acetate	7.559	43	150149	44.127	ug/l	99
38) Carbon Tetrachloride	8.359	117	270333	41.636	ug/l	95
39) Methylcyclohexane	9.600	83	237675	42.104	ug/l	92
40) Benzene	8.606	78	659749	42.046	ug/l	100

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41) Methacrylonitrile	7.777	41	88634	45.183	ug/l	95
42) 1,2-Dichloroethane	8.671	62	246782	42.472	ug/l	98
43) Isopropyl Acetate	8.688	43	270115	44.150	ug/l	99
44) Trichloroethene	9.353	130	179041	42.326	ug/l	100
45) 1,2-Dichloropropane	9.623	63	154889	42.029	ug/l	95
46) Dibromomethane	9.712	93	110981	41.934	ug/l #	89
47) Bromodichloromethane	9.888	83	244740	43.148	ug/l	97
48) Methyl methacrylate	9.682	41	155427	42.571	ug/l	91
49) 1,4-Dioxane	9.694	88	51127	923.882	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	751362	222.990	ug/l	100
52) Toluene	10.629	92	421649	42.537	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	262770	42.818	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	278916	42.521	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	157246	44.087	ug/l	98
56) Ethyl methacrylate	10.876	69	174249	44.126	ug/l	93
57) 1,3-Dichloropropane	11.165	76	269323	43.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	464744	186.426	ug/l	99
59) 2-Hexanone	11.194	43	551743	221.805	ug/l	100
60) Dibromochloromethane	11.359	129	182328	43.140	ug/l	100
61) 1,2-Dibromoethane	11.470	107	158406	42.911	ug/l	97
64) Tetrachloroethene	11.106	164	144956	40.838	ug/l	98
65) Chlorobenzene	11.894	112	440260	43.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	171438	42.722	ug/l	95
67) Ethyl Benzene	11.964	91	807194	42.926	ug/l	96
68) m/p-Xylenes	12.070	106	598508	86.132	ug/l	91
69) o-Xylene	12.400	106	287388	42.284	ug/l	91
70) Styrene	12.412	104	430458	43.969	ug/l	95
71) Bromoform	12.582	173	118169	40.381	ug/l #	100
73) Isopropylbenzene	12.700	105	755580	42.767	ug/l	99
74) N-amyl acetate	12.494	43	221688	42.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	197154	41.644	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	185614m	42.305	ug/l	
77) Bromobenzene	12.982	156	176417	40.591	ug/l	98
78) n-propylbenzene	13.035	91	828866	42.551	ug/l	100
79) 2-Chlorotoluene	13.129	91	528457	41.554	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	638231	41.944	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	67511	40.400	ug/l	94
82) 4-Chlorotoluene	13.223	91	540810	41.372	ug/l	97
83) tert-Butylbenzene	13.441	119	521264	41.830	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	640258	42.296	ug/l	97
85) sec-Butylbenzene	13.617	105	677372	42.493	ug/l	100
86) p-Isopropyltoluene	13.729	119	620486	43.109	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	311053	40.621	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	312142	40.382	ug/l	97
89) n-Butylbenzene	14.058	91	524893	43.669	ug/l	99
90) Hexachloroethane	14.335	117	98667	43.164	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	297188	40.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43769	43.954	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	180691	44.757	ug/l	96
94) Hexachlorobutadiene	15.505	225	92335	40.174	ug/l	99
95) Naphthalene	15.641	128	645259	52.634	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168626	43.283	ug/l	97

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

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