

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084501.D
 Acq On : 24 Oct 2024 20:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 25 02:07:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132677	48.194	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.380%		
35) Dibromofluoromethane	8.165	113	105878	49.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.565	98	367864	46.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.847	95	137725	47.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70408	32.058	ug/l	93
3) Chloromethane	2.365	50	98708	39.361	ug/l	97
4) Vinyl Chloride	2.512	62	99144	40.815	ug/l	97
5) Bromomethane	2.948	94	62210	38.826	ug/l	94
6) Chloroethane	3.118	64	64065	36.826	ug/l	94
7) Trichlorofluoromethane	3.495	101	163772	43.296	ug/l	99
8) Diethyl Ether	3.959	74	64180	45.748	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	85696	39.539	ug/l	99
10) Methyl Iodide	4.589	142	128435	46.015	ug/l	98
11) Tert butyl alcohol	5.518	59	100595	221.601	ug/l	100
12) 1,1-Dichloroethene	4.348	96	92993	44.482	ug/l	99
13) Acrolein	4.177	56	118475	227.339	ug/l	99
14) Allyl chloride	5.018	41	156611	43.134	ug/l	98
15) Acrylonitrile	5.718	53	274454	239.417	ug/l	98
16) Acetone	4.430	43	219511	185.613	ug/l	97
17) Carbon Disulfide	4.712	76	251101	37.937	ug/l	97
18) Methyl Acetate	5.024	43	122439	47.501	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	348412	49.378	ug/l	98
20) Methylene Chloride	5.277	84	114188	47.499	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	100652	45.955	ug/l	96
22) Diisopropyl ether	6.671	45	367308	48.909	ug/l	99
23) Vinyl Acetate	6.600	43	1374069	246.683	ug/l	100
24) 1,1-Dichloroethane	6.571	63	197876	47.116	ug/l	99
25) 2-Butanone	7.483	43	351086	217.963	ug/l	99
26) 2,2-Dichloropropane	7.489	77	153184	40.453	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	124783	47.147	ug/l	97
28) Bromochloromethane	7.812	49	87069	46.465	ug/l	98
29) Tetrahydrofuran	7.836	42	234237	235.645	ug/l	98
30) Chloroform	7.965	83	208919	47.890	ug/l	96
31) Cyclohexane	8.259	56	147871	36.263	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	180979	46.192	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133955	43.006	ug/l	98
37) Ethyl Acetate	7.559	43	149195	46.688	ug/l	99
38) Carbon Tetrachloride	8.365	117	151565	44.359	ug/l	98
39) Methylcyclohexane	9.600	83	134433	38.778	ug/l	97
40) Benzene	8.606	78	450414	46.412	ug/l	99

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41) Methacrylonitrile	7.777	41	81790	47.146	ug/l	97
42) 1,2-Dichloroethane	8.671	62	155684	47.320	ug/l	99
43) Isopropyl Acetate	8.688	43	284841	45.508	ug/l	97
44) Trichloroethene	9.347	130	101272	44.679	ug/l	93
45) 1,2-Dichloropropane	9.618	63	112869	49.164	ug/l	97
46) Dibromomethane	9.706	93	78109	50.417	ug/l	99
47) Bromodichloromethane	9.888	83	168446	48.938	ug/l #	99
48) Methyl methacrylate	9.677	41	119503	47.962	ug/l	98
49) 1,4-Dioxane	9.694	88	42439	925.191	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	747016	245.565	ug/l	100
52) Toluene	10.630	92	274728	46.423	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	167463	47.729	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	181261	48.030	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	106475	50.188	ug/l	97
56) Ethyl methacrylate	10.871	69	179232	51.343	ug/l	96
57) 1,3-Dichloropropane	11.165	76	184035	48.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	391920	242.016	ug/l	97
59) 2-Hexanone	11.194	43	545345	239.854	ug/l	98
60) Dibromochloromethane	11.359	129	126106	50.308	ug/l	100
61) 1,2-Dibromoethane	11.465	107	108012	48.997	ug/l	99
64) Tetrachloroethene	11.106	164	82620	42.455	ug/l	96
65) Chlorobenzene	11.888	112	294653	47.563	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	102911	48.229	ug/l	99
67) Ethyl Benzene	11.959	91	510489	46.596	ug/l	99
68) m/p-Xylenes	12.071	106	388015	95.746	ug/l	100
69) o-Xylene	12.400	106	189395	49.396	ug/l	99
70) Styrene	12.412	104	336399	51.798	ug/l	98
71) Bromoform	12.576	173	81359	51.789	ug/l #	99
73) Isopropylbenzene	12.694	105	468691	43.736	ug/l	100
74) N-amyl acetate	12.494	43	228556	47.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	152379	47.288	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	143984m	50.221	ug/l	
77) Bromobenzene	12.982	156	117738	45.548	ug/l	97
78) n-propylbenzene	13.035	91	555417	44.734	ug/l	99
79) 2-Chlorotoluene	13.123	91	344902	43.533	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	403258	46.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	57959	48.467	ug/l	91
82) 4-Chlorotoluene	13.218	91	360656	45.220	ug/l	98
83) tert-Butylbenzene	13.435	119	332391	42.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	410725	46.641	ug/l	99
85) sec-Butylbenzene	13.618	105	470000	45.333	ug/l	99
86) p-Isopropyltoluene	13.729	119	397675	46.385	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	213965	44.123	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	216860	44.283	ug/l	99
89) n-Butylbenzene	14.053	91	349846	45.003	ug/l	100
90) Hexachloroethane	14.335	117	70455	40.486	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	206992	43.532	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30423	45.752	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	111353	47.545	ug/l	98
94) Hexachlorobutadiene	15.500	225	40854	34.978	ug/l	99
95) Naphthalene	15.635	128	376265	48.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107440	45.828	ug/l	98

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

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