

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084149.D
 Acq On : 25 Sep 2024 10:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 01:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120332	52.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.165	113	93668	56.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.220%			
50) Toluene-d8	10.565	98	329244	57.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.100%#			
62) 4-Bromofluorobenzene	12.847	95	128937	54.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74842	42.716	ug/l	94
3) Chloromethane	2.359	50	83136	46.330	ug/l	97
4) Vinyl Chloride	2.518	62	87465	45.544	ug/l	98
5) Bromomethane	2.954	94	54169	49.127	ug/l	96
6) Chloroethane	3.118	64	57233	42.485	ug/l	96
7) Trichlorofluoromethane	3.495	101	153219	47.002	ug/l	98
8) Diethyl Ether	3.965	74	56051	51.294	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	89211	51.631	ug/l	99
10) Methyl Iodide	4.595	142	104032	47.341	ug/l	95
11) Tert butyl alcohol	5.512	59	88869	291.732	ug/l	98
12) 1,1-Dichloroethene	4.342	96	79862	48.942	ug/l	91
13) Acrolein	4.177	56	94523	314.486	ug/l	95
14) Allyl chloride	5.024	41	136933	47.095	ug/l	98
15) Acrylonitrile	5.712	53	236268	285.199	ug/l	100
16) Acetone	4.424	43	248131	272.092	ug/l	98
17) Carbon Disulfide	4.712	76	190032	41.632	ug/l	100
18) Methyl Acetate	5.018	43	120497	63.934	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	311374	52.732	ug/l	99
20) Methylene Chloride	5.271	84	95899	51.388	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	84989	48.599	ug/l	94
22) Diisopropyl ether	6.671	45	336082	56.150	ug/l	98
23) Vinyl Acetate	6.600	43	1205768	275.087	ug/l	98
24) 1,1-Dichloroethane	6.565	63	181272	52.568	ug/l	99
25) 2-Butanone	7.477	43	338650	282.539	ug/l	98
26) 2,2-Dichloropropane	7.483	77	163407	51.456	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	110815	53.380	ug/l	99
28) Bromochloromethane	7.812	49	83772	57.688	ug/l	94
29) Tetrahydrofuran	7.841	42	203153	286.648	ug/l	98
30) Chloroform	7.965	83	192228	52.508	ug/l	97
31) Cyclohexane	8.253	56	144742	44.024	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	170214	50.566	ug/l	98
36) 1,1-Dichloropropene	8.371	75	126605	50.391	ug/l	99
37) Ethyl Acetate	7.559	43	132167	57.953	ug/l	98
38) Carbon Tetrachloride	8.359	117	142115	49.858	ug/l	98
39) Methylcyclohexane	9.600	83	137383	48.039	ug/l	98
40) Benzene	8.606	78	393772	52.071	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76512	56.724	ug/l	99
42) 1,2-Dichloroethane	8.671	62	146528	51.855	ug/l	100
43) Isopropyl Acetate	8.688	43	239002	57.832	ug/l	100
44) Trichloroethene	9.353	130	91767	52.402	ug/l	94
45) 1,2-Dichloropropane	9.624	63	99033	54.183	ug/l	97
46) Dibromomethane	9.706	93	69179	54.037	ug/l	99
47) Bromodichloromethane	9.888	83	153822	55.519	ug/l	99
48) Methyl methacrylate	9.677	41	109460	55.826	ug/l	98
49) 1,4-Dioxane	9.694	88	36225	1123.078	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	671134	298.329	ug/l	98
52) Toluene	10.630	92	248457	53.714	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	157323	56.019	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	163665	55.480	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	95557	55.335	ug/l	98
56) Ethyl methacrylate	10.871	69	157819	59.401	ug/l	98
57) 1,3-Dichloropropane	11.165	76	165537	55.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	376696	393.487	ug/l	97
59) 2-Hexanone	11.194	43	497488	298.950	ug/l	99
60) Dibromochloromethane	11.359	129	111727	57.811	ug/l	99
61) 1,2-Dibromoethane	11.471	107	94508	54.876	ug/l	98
64) Tetrachloroethene	11.106	164	80818	52.185	ug/l	98
65) Chlorobenzene	11.888	112	268007	51.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	96886	53.997	ug/l	98
67) Ethyl Benzene	11.965	91	486675	52.931	ug/l	100
68) m/p-Xylenes	12.071	106	362521	106.200	ug/l	99
69) o-Xylene	12.400	106	175606	53.140	ug/l	97
70) Styrene	12.412	104	305236	56.282	ug/l	99
71) Bromoform	12.576	173	73577	60.852	ug/l #	100
73) Isopropylbenzene	12.694	105	460561	51.672	ug/l	100
74) N-amyl acetate	12.494	43	205824	54.124	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	133743	51.070	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	117378m	50.493	ug/l	
77) Bromobenzene	12.976	156	106247	49.521	ug/l	99
78) n-propylbenzene	13.035	91	554391	53.458	ug/l	99
79) 2-Chlorotoluene	13.123	91	335419	50.715	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	391162	52.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	48379	54.506	ug/l	97
82) 4-Chlorotoluene	13.223	91	344822	51.954	ug/l	98
83) tert-Butylbenzene	13.435	119	339889	51.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	397661	52.681	ug/l	100
85) sec-Butylbenzene	13.618	105	474599	54.431	ug/l	100
86) p-Isopropyltoluene	13.729	119	396754	54.282	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	206311	50.953	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	204718	49.931	ug/l	99
89) n-Butylbenzene	14.053	91	355076	54.108	ug/l	99
90) Hexachloroethane	14.335	117	75623	51.470	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	200328	51.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27576	52.823	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	104309	49.743	ug/l	99
94) Hexachlorobutadiene	15.500	225	46852	52.611	ug/l	99
95) Naphthalene	15.635	128	334311	52.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	102379	51.085	ug/l	100

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

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