

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085262.D
 Acq On : 18 Dec 2024 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102760	49.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.360%		
35) Dibromofluoromethane	8.165	113	72714	49.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	10.565	98	280426	52.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.847	95	99685	52.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	90943	47.756	ug/l	93
3) Chloromethane	2.360	50	80604	44.406	ug/l	96
4) Vinyl Chloride	2.513	62	83178	48.907	ug/l	92
5) Bromomethane	2.942	94	50848	45.577	ug/l	95
6) Chloroethane	3.112	64	54522	52.180	ug/l	96
7) Trichlorofluoromethane	3.495	101	136397	49.664	ug/l	100
8) Diethyl Ether	3.959	74	48733	56.493	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	74358	50.481	ug/l	97
10) Methyl Iodide	4.589	142	91042	54.208	ug/l #	95
11) Tert butyl alcohol	5.524	59	72199	248.761	ug/l	97
12) 1,1-Dichloroethene	4.336	96	70782	51.877	ug/l	96
13) Acrolein	4.177	56	89060	266.458	ug/l	97
14) Allyl chloride	5.024	41	122332	51.771	ug/l	97
15) Acrylonitrile	5.718	53	215688	272.845	ug/l	99
16) Acetone	4.430	43	190532	264.181	ug/l	97
17) Carbon Disulfide	4.712	76	220895	47.441	ug/l	99
18) Methyl Acetate	5.024	43	104694	51.276	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	255291	54.589	ug/l	98
20) Methylene Chloride	5.271	84	83312	52.808	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	77148	51.285	ug/l	89
22) Diisopropyl ether	6.671	45	282388	56.020	ug/l	99
23) Vinyl Acetate	6.600	43	1092924	280.589	ug/l	99
24) 1,1-Dichloroethane	6.571	63	152805	52.331	ug/l	98
25) 2-Butanone	7.483	43	272519	246.741	ug/l	97
26) 2,2-Dichloropropane	7.489	77	113898	42.124	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	81873	46.745	ug/l	99
28) Bromochloromethane	7.812	49	72573	49.282	ug/l	100
29) Tetrahydrofuran	7.836	42	183158	257.258	ug/l	99
30) Chloroform	7.959	83	146557	46.999	ug/l	99
31) Cyclohexane	8.253	56	119764	44.305	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	133188	47.922	ug/l	98
36) 1,1-Dichloropropene	8.371	75	100125	49.366	ug/l	100
37) Ethyl Acetate	7.559	43	114701	49.019	ug/l	99
38) Carbon Tetrachloride	8.359	117	112872	46.028	ug/l	98
39) Methylcyclohexane	9.600	83	100559	47.645	ug/l	98
40) Benzene	8.606	78	311371	49.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64432	54.032	ug/l	96
42) 1,2-Dichloroethane	8.665	62	116804	48.599	ug/l	99
43) Isopropyl Acetate	8.689	43	194134	45.368	ug/l	99
44) Trichloroethene	9.353	130	66123	47.070	ug/l	99
45) 1,2-Dichloropropane	9.618	63	77275	49.463	ug/l	94
46) Dibromomethane	9.706	93	55972	50.187	ug/l	97
47) Bromodichloromethane	9.889	83	115809	48.467	ug/l	98
48) Methyl methacrylate	9.683	41	92050	52.477	ug/l	99
49) 1,4-Dioxane	9.694	88	29116	1052.776	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	597460	265.732	ug/l	100
52) Toluene	10.630	92	194192	51.184	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	119562	51.334	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	123504	49.875	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	73306	51.601	ug/l	96
56) Ethyl methacrylate	10.871	69	123633	45.960	ug/l	96
57) 1,3-Dichloropropane	11.165	76	125791	50.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	284446	223.792	ug/l	99
59) 2-Hexanone	11.194	43	441800	275.658	ug/l	100
60) Dibromochloromethane	11.359	129	87023	51.687	ug/l	100
61) 1,2-Dibromoethane	11.465	107	73653	50.335	ug/l	99
64) Tetrachloroethene	11.106	164	58049	44.929	ug/l	98
65) Chlorobenzene	11.888	112	206860	47.929	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	75694	50.269	ug/l	97
67) Ethyl Benzene	11.965	91	374458	50.618	ug/l	98
68) m/p-Xylenes	12.071	106	284931	102.982	ug/l	99
69) o-Xylene	12.394	106	137211	52.761	ug/l	98
70) Styrene	12.412	104	236234	54.412	ug/l	99
71) Bromoform	12.577	173	58981	49.971	ug/l #	97
73) Isopropylbenzene	12.694	105	348395	50.961	ug/l	100
74) N-amyl acetate	12.494	43	181641	53.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	113623	46.646	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108897m	48.205	ug/l	
77) Bromobenzene	12.977	156	83159	46.328	ug/l	99
78) n-propylbenzene	13.035	91	422399	50.379	ug/l	99
79) 2-Chlorotoluene	13.124	91	261471	49.117	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	301560	52.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	40980	48.169	ug/l	91
82) 4-Chlorotoluene	13.218	91	264514	49.103	ug/l	100
83) tert-Butylbenzene	13.435	119	242149	50.073	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	300345	51.528	ug/l	100
85) sec-Butylbenzene	13.618	105	341285	50.620	ug/l	100
86) p-Isopropyltoluene	13.729	119	283370	43.692	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	151700	45.892	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	152344	44.541	ug/l	100
89) n-Butylbenzene	14.053	91	242367	48.883	ug/l	98
90) Hexachloroethane	14.329	117	57087	46.093	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	146076	47.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	23032	49.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	68084	43.260	ug/l	99
94) Hexachlorobutadiene	15.500	225	30377	37.137	ug/l	96
95) Naphthalene	15.641	128	226882	43.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	67350	42.844	ug/l	100

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

