

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085242.D
 Acq On : 17 Dec 2024 22:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 00:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104149	50.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.180%			
35) Dibromofluoromethane	8.165	113	85086	50.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.460%			
50) Toluene-d8	10.565	98	291564	48.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.000%			
62) 4-Bromofluorobenzene	12.847	95	112984	50.259	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	104247	63.163	ug/l	99
3) Chloromethane	2.360	50	93395	48.789	ug/l	92
4) Vinyl Chloride	2.507	62	103760	60.316	ug/l	97
5) Bromomethane	2.936	94	61851	64.147	ug/l	97
6) Chloroethane	3.112	64	61860	53.349	ug/l	99
7) Trichlorofluoromethane	3.489	101	164475	56.204	ug/l	98
8) Diethyl Ether	3.959	74	56912	57.139	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	81066	48.842	ug/l	99
10) Methyl Iodide	4.583	142	114866	52.284	ug/l	92
11) Tert butyl alcohol	5.530	59	101764	366.276	ug/l	97
12) 1,1-Dichloroethene	4.342	96	87822	56.688	ug/l	96
13) Acrolein	4.171	56	52649	283.990	ug/l	97
14) Allyl chloride	5.018	41	126881m	48.582	ug/l	
15) Acrylonitrile	5.718	53	237801	302.318	ug/l	100
16) Acetone	4.430	43	192266	317.524	ug/l	96
17) Carbon Disulfide	4.706	76	258918	56.622	ug/l	98
18) Methyl Acetate	5.024	43	114388	59.318	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	297911	58.855	ug/l	99
20) Methylene Chloride	5.271	84	95775	51.834	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	90012	55.212	ug/l	92
22) Diisopropyl ether	6.671	45	285343	54.285	ug/l	99
23) Vinyl Acetate	6.600	43	1094478	301.818	ug/l	97
24) 1,1-Dichloroethane	6.565	63	167434	53.229	ug/l	98
25) 2-Butanone	7.483	43	305343	308.437	ug/l	94
26) 2,2-Dichloropropane	7.489	77	125415	42.698	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	103439	52.630	ug/l	97
28) Bromochloromethane	7.812	49	53428	44.996	ug/l	96
29) Tetrahydrofuran	7.836	42	201755	327.721	ug/l	98
30) Chloroform	7.965	83	174313	52.095	ug/l	100
31) Cyclohexane	8.259	56	135463	48.912	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	164572	54.428	ug/l	99
36) 1,1-Dichloropropene	8.371	75	123161	54.209	ug/l	100
37) Ethyl Acetate	7.559	43	126905	61.441	ug/l	99
38) Carbon Tetrachloride	8.359	117	145914	55.639	ug/l	97
39) Methylcyclohexane	9.600	83	122834	52.028	ug/l	94
40) Benzene	8.606	78	380627	52.969	ug/l	99

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41) Methacrylonitrile	7.777	41	69255	60.559	ug/l	99
42) 1,2-Dichloroethane	8.671	62	131766	53.600	ug/l	100
43) Isopropyl Acetate	8.688	43	225099	52.467	ug/l	99
44) Trichloroethene	9.353	130	89319	53.486	ug/l	94
45) 1,2-Dichloropropane	9.618	63	89711	50.687	ug/l	100
46) Dibromomethane	9.706	93	66050	53.707	ug/l	98
47) Bromodichloromethane	9.888	83	142279	54.586	ug/l	100
48) Methyl methacrylate	9.677	41	101458	63.549	ug/l	97
49) 1,4-Dioxane	9.694	88	37253	1345.517	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	632657	322.845	ug/l	99
52) Toluene	10.630	92	238098	55.970	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	140967	53.944	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	148612	53.606	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	86865	54.821	ug/l	97
56) Ethyl methacrylate	10.871	69	150257	64.895	ug/l	98
57) 1,3-Dichloropropane	11.165	76	151808	54.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	328005	288.798	ug/l	99
59) 2-Hexanone	11.194	43	470178	320.806	ug/l	100
60) Dibromochloromethane	11.359	129	107676	55.603	ug/l	99
61) 1,2-Dibromoethane	11.471	107	91286	55.667	ug/l	100
64) Tetrachloroethene	11.106	164	75712	52.218	ug/l	97
65) Chlorobenzene	11.888	112	250980	51.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	93469	54.401	ug/l	98
67) Ethyl Benzene	11.965	91	454395	57.394	ug/l	97
68) m/p-Xylenes	12.071	106	348708	115.689	ug/l	99
69) o-Xylene	12.400	106	167013	58.249	ug/l	100
70) Styrene	12.412	104	282368	59.220	ug/l	99
71) Bromoform	12.576	173	74690	58.564	ug/l #	97
73) Isopropylbenzene	12.694	105	429465	58.245	ug/l	99
74) N-ethyl acetate	12.494	43	185175	60.945	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130051	51.652	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	107228m	56.403	ug/l	
77) Bromobenzene	12.976	156	102762	51.789	ug/l	99
78) n-propylbenzene	13.035	91	484348	56.952	ug/l	100
79) 2-Chlorotoluene	13.124	91	301742	53.150	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	361323	58.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	41112	47.739	ug/l	97
82) 4-Chlorotoluene	13.218	91	310209	52.489	ug/l	99
83) tert-Butylbenzene	13.435	119	309630	58.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	362903	56.981	ug/l	100
85) sec-Butylbenzene	13.612	105	405194	56.344	ug/l	100
86) p-Isopropyltoluene	13.729	119	344109	57.965	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	187043	47.791	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	185185	46.366	ug/l	98
89) n-Butylbenzene	14.053	91	276686	50.118	ug/l	99
90) Hexachloroethane	14.335	117	67172	51.910	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	180795	48.208	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27563	56.612	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	94140	46.205	ug/l	99
94) Hexachlorobutadiene	15.500	225	41634	44.277	ug/l	99
95) Naphthalene	15.641	128	332045	57.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92248	47.451	ug/l	97

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

