

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084761.D
 Acq On : 08 Nov 2024 19:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 22:37:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2024
 Supervised By :Mahesh Dadoda 11/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124529	51.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.159	113	100795	51.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.565	98	367233	51.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.847	95	151201	56.448	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79840	41.645	ug/l	95
3) Chloromethane	2.359	50	93222	40.985	ug/l	99
4) Vinyl Chloride	2.512	62	91807	44.523	ug/l	97
5) Bromomethane	2.901	94	50158	45.910	ug/l	97
6) Chloroethane	3.071	64	60120	47.018	ug/l	91
7) Trichlorofluoromethane	3.465	101	149583	44.037	ug/l	98
8) Diethyl Ether	3.959	74	59028	49.263	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	82826	43.153	ug/l	96
10) Methyl Iodide	4.577	142	128775	50.201	ug/l	100
11) Tert butyl alcohol	5.536	59	78564	247.098	ug/l	99
12) 1,1-Dichloroethene	4.324	96	83944	44.200	ug/l	97
13) Acrolein	4.171	56	84643	266.973	ug/l	99
14) Allyl chloride	5.012	41	142985	46.424	ug/l	93
15) Acrylonitrile	5.718	53	224511	243.917	ug/l	100
16) Acetone	4.430	43	174954	251.462	ug/l	97
17) Carbon Disulfide	4.695	76	222138	37.981	ug/l	99
18) Methyl Acetate	5.018	43	118028	46.128	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	306885	52.720	ug/l	95
20) Methylene Chloride	5.265	84	101702	48.006	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	89513	45.901	ug/l	98
22) Diisopropyl ether	6.671	45	313158	51.170	ug/l	98
23) Vinyl Acetate	6.594	43	1073079	254.260	ug/l	97
24) 1,1-Dichloroethane	6.565	63	176217	47.960	ug/l	96
25) 2-Butanone	7.483	43	277508	246.947	ug/l	94
26) 2,2-Dichloropropane	7.489	77	144779	45.272	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	110999	48.747	ug/l	95
28) Bromochloromethane	7.812	49	85910	58.687	ug/l	92
29) Tetrahydrofuran	7.836	42	180639	242.301	ug/l	95
30) Chloroform	7.959	83	187046	50.016	ug/l	96
31) Cyclohexane	8.253	56	134612	40.479	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	166312	48.860	ug/l	97
36) 1,1-Dichloropropene	8.365	75	116530	43.185	ug/l	98
37) Ethyl Acetate	7.559	43	116837	47.723	ug/l	100
38) Carbon Tetrachloride	8.359	117	140352	46.534	ug/l	96
39) Methylcyclohexane	9.600	83	123923	45.143	ug/l	99
40) Benzene	8.600	78	394197	45.489	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68417	51.967	ug/l	98
42) 1,2-Dichloroethane	8.665	62	136487	48.633	ug/l	100
43) Isopropyl Acetate	8.688	43	224271	49.578	ug/l	98
44) Trichloroethene	9.347	130	91180	45.624	ug/l	100
45) 1,2-Dichloropropane	9.618	63	97596	48.010	ug/l	96
46) Dibromomethane	9.706	93	69386	48.372	ug/l	96
47) Bromodichloromethane	9.882	83	150876	49.898	ug/l #	98
48) Methyl methacrylate	9.677	41	97742	51.298	ug/l	97
49) 1,4-Dioxane	9.694	88	34607	1024.951	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	587099	251.554	ug/l	98
52) Toluene	10.629	92	242933	47.933	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	146826	46.912	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	157398	47.515	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	93820	49.143	ug/l	94
56) Ethyl methacrylate	10.871	69	151119	54.724	ug/l	96
57) 1,3-Dichloropropane	11.159	76	162153	49.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	345207	267.152	ug/l	97
59) 2-Hexanone	11.194	43	433726	255.313	ug/l	97
60) Dibromochloromethane	11.359	129	113705	52.259	ug/l	99
61) 1,2-Dibromoethane	11.465	107	93773	47.966	ug/l	100
64) Tetrachloroethene	11.100	164	77481	44.374	ug/l	99
65) Chlorobenzene	11.888	112	259392	44.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	97706	47.831	ug/l	99
67) Ethyl Benzene	11.959	91	457820	46.703	ug/l	100
68) m/p-Xylenes	12.071	106	345030	92.969	ug/l	99
69) o-Xylene	12.394	106	168380	48.500	ug/l	99
70) Styrene	12.412	104	290953	48.041	ug/l	99
71) Bromoform	12.576	173	77334	50.312	ug/l #	98
73) Isopropylbenzene	12.694	105	420864	41.079	ug/l	100
74) N-ethyl acetate	12.494	43	188629	43.258	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	136422	39.892	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	109611m	37.506	ug/l	
77) Bromobenzene	12.976	156	107758	39.124	ug/l	93
78) n-propylbenzene	13.035	91	481292	40.088	ug/l	99
79) 2-Chlorotoluene	13.123	91	314696	40.116	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	364315	42.903	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53703	43.595	ug/l	90
82) 4-Chlorotoluene	13.218	91	316861	38.381	ug/l	99
83) tert-Butylbenzene	13.435	119	303984	43.255	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	376938	43.009	ug/l	98
85) sec-Butylbenzene	13.612	105	408539	41.154	ug/l	98
86) p-Isopropyltoluene	13.729	119	354338	43.523	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	202400	37.655	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	197494	39.773	ug/l	99
89) n-Butylbenzene	14.053	91	288557	37.890	ug/l	99
90) Hexachloroethane	14.329	117	67008	36.906	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	200797	38.875	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26149	37.744	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	97897	34.628	ug/l	99
94) Hexachlorobutadiene	15.500	225	43879	35.343	ug/l	95
95) Naphthalene	15.641	128	324128	38.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98094	35.743	ug/l	100

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

