

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085205.D
 Acq On : 13 Dec 2024 18:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 13 23:40:09 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	150885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	114154	53.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.220%			
35) Dibromofluoromethane	8.165	113	92967	54.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.740%			
50) Toluene-d8	10.565	98	321632	52.973	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.940%			
62) 4-Bromofluorobenzene	12.847	95	124343	54.763	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127252	74.585	ug/l	98
3) Chloromethane	2.360	50	108071	54.613	ug/l	95
4) Vinyl Chloride	2.512	62	111144	62.499	ug/l	96
5) Bromomethane	2.942	94	61246	61.446	ug/l	90
6) Chloroethane	3.112	64	74304	61.990	ug/l	99
7) Trichlorofluoromethane	3.495	101	179952	59.486	ug/l	100
8) Diethyl Ether	3.959	74	61477	59.708	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	97344	56.736	ug/l	99
10) Methyl Iodide	4.589	142	122391	53.891	ug/l	96
11) Tert butyl alcohol	5.512	59	96818	337.101	ug/l	96
12) 1,1-Dichloroethene	4.342	96	93704	58.511	ug/l	98
13) Acrolein	4.177	56	52818	275.604	ug/l	99
14) Allyl chloride	5.018	41	137412	50.898	ug/l	91
15) Acrylonitrile	5.712	53	235769	289.953	ug/l	100
16) Acetone	4.424	43	216968	346.625	ug/l	97
17) Carbon Disulfide	4.712	76	275030	58.183	ug/l	99
18) Methyl Acetate	5.012	43	112296	56.273	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	310422	59.325	ug/l	100
20) Methylene Chloride	5.277	84	102141	53.475	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	95655	56.758	ug/l	95
22) Diisopropyl ether	6.665	45	301967	55.573	ug/l	97
23) Vinyl Acetate	6.595	43	1142375	304.746	ug/l	99
24) 1,1-Dichloroethane	6.565	63	180851	55.618	ug/l	99
25) 2-Butanone	7.477	43	315709	308.500	ug/l	99
26) 2,2-Dichloropropane	7.489	77	163687	53.910	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	113396	55.813	ug/l	99
28) Bromochloromethane	7.806	49	59563	48.526	ug/l	92
29) Tetrahydrofuran	7.836	42	196623	308.962	ug/l	98
30) Chloroform	7.965	83	187970	54.343	ug/l	96
31) Cyclohexane	8.253	56	157861	55.139	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	176087	56.336	ug/l	97
36) 1,1-Dichloropropene	8.371	75	133141	58.019	ug/l	100
37) Ethyl Acetate	7.559	43	126234	60.509	ug/l	98
38) Carbon Tetrachloride	8.359	117	156490	59.078	ug/l	96
39) Methylcyclohexane	9.594	83	148499	62.274	ug/l	97
40) Benzene	8.606	78	407598	56.159	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70916	61.395	ug/l	98
42) 1,2-Dichloroethane	8.671	62	137865	55.523	ug/l	99
43) Isopropyl Acetate	8.683	43	216992	50.074	ug/l	97
44) Trichloroethene	9.347	130	97229	57.644	ug/l	91
45) 1,2-Dichloropropane	9.618	63	95182	53.244	ug/l	95
46) Dibromomethane	9.706	93	69545	55.987	ug/l	98
47) Bromodichloromethane	9.883	83	150525	57.175	ug/l	96
48) Methyl methacrylate	9.677	41	101157	62.731	ug/l	98
49) 1,4-Dioxane	9.688	88	35235	1259.986	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	628958	317.769	ug/l	98
52) Toluene	10.630	92	255129	59.378	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	152920	57.937	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	164010	58.572	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	92659	57.897	ug/l	98
56) Ethyl methacrylate	10.871	69	158503	67.776	ug/l	99
57) 1,3-Dichloropropane	11.159	76	159114	56.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	342318	298.406	ug/l	100
59) 2-Hexanone	11.188	43	463715	313.252	ug/l	99
60) Dibromochloromethane	11.353	129	114705	58.644	ug/l	100
61) 1,2-Dibromoethane	11.465	107	96395	58.199	ug/l	99
64) Tetrachloroethene	11.100	164	84123	57.089	ug/l	97
65) Chlorobenzene	11.888	112	271365	54.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	97464	55.817	ug/l	99
67) Ethyl Benzene	11.959	91	483682	60.114	ug/l	100
68) m/p-Xylenes	12.065	106	371939	121.418	ug/l	99
69) o-Xylene	12.394	106	178445	61.239	ug/l	99
70) Styrene	12.406	104	303621	62.657	ug/l	99
71) Bromoform	12.576	173	79525	61.355	ug/l #	99
73) Isopropylbenzene	12.694	105	461835	61.423	ug/l	100
74) N-amyl acetate	12.488	43	186969	60.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	133154	51.861	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	107670m	55.539	ug/l	
77) Bromobenzene	12.976	156	109186	53.962	ug/l	98
78) n-propylbenzene	13.029	91	527627	60.840	ug/l	99
79) 2-Chlorotoluene	13.124	91	327201	56.519	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	390762	61.934	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47301m	53.863	ug/l	
82) 4-Chlorotoluene	13.218	91	330062	54.767	ug/l	100
83) tert-Butylbenzene	13.435	119	323274	59.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	384675	59.230	ug/l	100
85) sec-Butylbenzene	13.612	105	446144	60.838	ug/l	100
86) p-Isopropyltoluene	13.723	119	375338	62.002	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	197116	49.390	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	195422	47.982	ug/l	98
89) n-Butylbenzene	14.053	91	312587	55.525	ug/l	99
90) Hexachloroethane	14.329	117	69850	52.935	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	190265	49.751	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27610	55.611	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	99879	48.073	ug/l	99
94) Hexachlorobutadiene	15.494	225	46101	48.079	ug/l	99
95) Naphthalene	15.635	128	337392	57.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95944	48.397	ug/l	99

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

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