

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084526.D
 Acq On : 25 Oct 2024 19:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 25 23:38:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122767	49.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.165	113	98679	52.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.440%		
50) Toluene-d8	10.565	98	356900	51.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	133768	52.811	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	72195	36.594	ug/l	94
3) Chloromethane	2.365	50	88344	39.218	ug/l	99
4) Vinyl Chloride	2.518	62	91591	41.975	ug/l	95
5) Bromomethane	2.948	94	56745	39.426	ug/l	99
6) Chloroethane	3.118	64	62116	39.749	ug/l	92
7) Trichlorofluoromethane	3.501	101	161924	47.655	ug/l	95
8) Diethyl Ether	3.965	74	59289	47.048	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	93993	48.278	ug/l	99
10) Methyl Iodide	4.589	142	117205	46.747	ug/l	95
11) Tert butyl alcohol	5.518	59	88149	216.174	ug/l	99
12) 1,1-Dichloroethene	4.342	96	87574	46.634	ug/l	95
13) Acrolein	4.183	56	104358	222.928	ug/l	100
14) Allyl chloride	5.024	41	140102	42.957	ug/l	98
15) Acrylonitrile	5.718	53	255442	248.067	ug/l	99
16) Acetone	4.424	43	213314	200.799	ug/l	98
17) Carbon Disulfide	4.712	76	228560	38.442	ug/l	99
18) Methyl Acetate	5.024	43	114869	49.611	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	319035	50.335	ug/l	96
20) Methylene Chloride	5.277	84	106437	49.288	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	93864	47.709	ug/l	98
22) Diisopropyl ether	6.671	45	344942	51.132	ug/l	99
23) Vinyl Acetate	6.600	43	1230781	245.982	ug/l	100
24) 1,1-Dichloroethane	6.571	63	192358	50.989	ug/l	100
25) 2-Butanone	7.483	43	334778	231.376	ug/l	99
26) 2,2-Dichloropropane	7.488	77	153197	45.038	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	121267	51.007	ug/l	96
28) Bromochloromethane	7.818	49	83192	49.424	ug/l	95
29) Tetrahydrofuran	7.841	42	222275	248.934	ug/l	99
30) Chloroform	7.965	83	203952	52.045	ug/l	97
31) Cyclohexane	8.253	56	154232	42.106	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	178226	50.640	ug/l	100
36) 1,1-Dichloropropene	8.371	75	136786	49.831	ug/l	99
37) Ethyl Acetate	7.559	43	140540	49.906	ug/l	99
38) Carbon Tetrachloride	8.359	117	152192	50.544	ug/l	97
39) Methylcyclohexane	9.600	83	142779	46.735	ug/l	98
40) Benzene	8.606	78	434246	50.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78193	51.145	ug/l	97
42) 1,2-Dichloroethane	8.671	62	148069	51.069	ug/l	99
43) Isopropyl Acetate	8.688	43	233167	42.271	ug/l	97
44) Trichloroethene	9.347	130	100781	50.453	ug/l	97
45) 1,2-Dichloropropane	9.624	63	109028	53.889	ug/l	96
46) Dibromomethane	9.706	93	75789	55.510	ug/l	99
47) Bromodichloromethane	9.888	83	161891	53.371	ug/l #	99
48) Methyl methacrylate	9.682	41	109954	50.076	ug/l	97
49) 1,4-Dioxane	9.694	88	39891	986.815	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	709816	264.775	ug/l	99
52) Toluene	10.629	92	273057	52.357	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	161025	52.078	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	171984	51.711	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	102513	54.831	ug/l	96
56) Ethyl methacrylate	10.871	69	165239	53.712	ug/l	97
57) 1,3-Dichloropropane	11.165	76	179630	53.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	370569	259.663	ug/l	98
59) 2-Hexanone	11.194	43	521492	260.266	ug/l	98
60) Dibromochloromethane	11.359	129	124112	56.184	ug/l	99
61) 1,2-Dibromoethane	11.465	107	103132	53.087	ug/l	99
64) Tetrachloroethene	11.100	164	90687	50.022	ug/l	97
65) Chlorobenzene	11.888	112	292777	50.731	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	105641	53.144	ug/l	98
67) Ethyl Benzene	11.959	91	532113	52.136	ug/l	99
68) m/p-Xylenes	12.071	106	408093	108.094	ug/l	98
69) o-Xylene	12.400	106	195654	54.776	ug/l	98
70) Styrene	12.412	104	334901	55.354	ug/l	99
71) Bromoform	12.576	173	80145	54.763	ug/l #	99
73) Isopropylbenzene	12.694	105	497663	47.706	ug/l	99
74) N-amyl acetate	12.494	43	214096	45.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	150561	47.998	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	124511m	44.613	ug/l	
77) Bromobenzene	12.976	156	118604	47.134	ug/l	97
78) n-propylbenzene	13.035	91	596232	49.330	ug/l	100
79) 2-Chlorotoluene	13.123	91	363962	47.192	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	425766	50.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50296	43.206	ug/l	98
82) 4-Chlorotoluene	13.217	91	368750	47.496	ug/l	99
83) tert-Butylbenzene	13.435	119	359032	47.471	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	432987	50.510	ug/l	99
85) sec-Butylbenzene	13.612	105	497624	49.306	ug/l	100
86) p-Isopropyltoluene	13.729	119	416390	49.893	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	222126	47.055	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	223979	46.984	ug/l	99
89) n-Butylbenzene	14.053	91	354026	46.782	ug/l	100
90) Hexachloroethane	14.329	117	75508	44.573	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	218768	47.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28530	44.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	103896	45.570	ug/l	99
94) Hexachlorobutadiene	15.500	225	46312	40.733	ug/l	98
95) Naphthalene	15.641	128	333714	44.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	103160	45.202	ug/l	100

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

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