

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084503.D
 Acq On : 25 Oct 2024 08:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 25 23:26:04 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136646	50.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.165	113	111177	55.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.040%			
50) Toluene-d8	10.565	98	393204	52.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.847	95	151926	56.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78372	36.398	ug/l	94
3) Chloromethane	2.359	50	97478	39.648	ug/l	96
4) Vinyl Chloride	2.512	62	101959	42.813	ug/l	99
5) Bromomethane	2.954	94	65216	41.516	ug/l	98
6) Chloroethane	3.118	64	68025	39.884	ug/l	98
7) Trichlorofluoromethane	3.501	101	175700	47.378	ug/l	99
8) Diethyl Ether	3.959	74	66547	48.384	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	103796	48.848	ug/l	99
10) Methyl Iodide	4.589	142	132208	48.314	ug/l	99
11) Tert butyl alcohol	5.518	59	102421	230.135	ug/l	99
12) 1,1-Dichloroethene	4.342	96	99299	48.448	ug/l	99
13) Acrolein	4.177	56	119107	233.122	ug/l	99
14) Allyl chloride	5.024	41	159978	44.943	ug/l	99
15) Acrylonitrile	5.718	53	283323	252.096	ug/l	99
16) Acetone	4.424	43	332361	286.656	ug/l	99
17) Carbon Disulfide	4.712	76	262424	40.440	ug/l	97
18) Methyl Acetate	5.024	43	127400	50.414	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	361709	52.287	ug/l	97
20) Methylene Chloride	5.277	84	116230	49.315	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	106580	49.634	ug/l	97
22) Diisopropyl ether	6.671	45	377582	51.282	ug/l	97
23) Vinyl Acetate	6.600	43	1413227	258.787	ug/l	99
24) 1,1-Dichloroethane	6.565	63	209603	50.906	ug/l	99
25) 2-Butanone	7.483	43	419219	265.466	ug/l	100
26) 2,2-Dichloropropane	7.489	77	188590	50.799	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	131412	50.644	ug/l	98
28) Bromochloromethane	7.812	49	90237	49.119	ug/l	97
29) Tetrahydrofuran	7.836	42	244782	251.177	ug/l	97
30) Chloroform	7.965	83	220877	51.643	ug/l	97
31) Cyclohexane	8.253	56	172359	43.113	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	194610	50.664	ug/l	99
36) 1,1-Dichloropropene	8.371	75	149163	50.818	ug/l	99
37) Ethyl Acetate	7.553	43	154236	51.219	ug/l	99
38) Carbon Tetrachloride	8.359	117	166783	51.799	ug/l	98
39) Methylcyclohexane	9.600	83	164018	50.207	ug/l	98
40) Benzene	8.606	78	476364	52.089	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	83663	51.176	ug/l	96
42) 1,2-Dichloroethane	8.665	62	161416	52.064	ug/l	99
43) Isopropyl Acetate	8.683	43	291182	49.368	ug/l	98
44) Trichloroethene	9.353	130	110560	51.762	ug/l	99
45) 1,2-Dichloropropane	9.618	63	116927	54.048	ug/l	98
46) Dibromomethane	9.706	93	81712	55.969	ug/l	98
47) Bromodichloromethane	9.888	83	176433	54.395	ug/l #	97
48) Methyl methacrylate	9.677	41	122412	52.136	ug/l	98
49) 1,4-Dioxane	9.694	88	42259	977.637	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	786274	274.285	ug/l	99
52) Toluene	10.630	92	301445	54.054	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	181476	54.888	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	195885	55.080	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	111558	55.801	ug/l	96
56) Ethyl methacrylate	10.871	69	185958	56.529	ug/l	98
57) 1,3-Dichloropropane	11.159	76	194415	54.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	421419	276.155	ug/l	99
59) 2-Hexanone	11.194	43	603310	281.584	ug/l	99
60) Dibromochloromethane	11.359	129	133861	56.669	ug/l	99
61) 1,2-Dibromoethane	11.465	107	113691	54.729	ug/l	100
64) Tetrachloroethene	11.100	164	97893	51.180	ug/l	96
65) Chlorobenzene	11.888	112	322959	53.042	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	112949	53.856	ug/l	98
67) Ethyl Benzene	11.965	91	575865	53.480	ug/l	99
68) m/p-Xylenes	12.071	106	442765	111.160	ug/l	100
69) o-Xylene	12.394	106	207862	55.158	ug/l	98
70) Styrene	12.406	104	367629	57.594	ug/l	98
71) Bromoform	12.576	173	87003	56.348	ug/l #	97
73) Isopropylbenzene	12.694	105	543431	51.385	ug/l	99
74) N-amyl acetate	12.494	43	237218	49.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	160145	50.359	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	134170m	47.420	ug/l	
77) Bromobenzene	12.976	156	131034	51.366	ug/l	95
78) n-propylbenzene	13.035	91	649179	52.981	ug/l	99
79) 2-Chlorotoluene	13.123	91	396945	50.768	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	464199	53.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58442m	49.520	ug/l	
82) 4-Chlorotoluene	13.218	91	406014	51.584	ug/l	98
83) tert-Butylbenzene	13.435	119	376330	49.081	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	465072	53.515	ug/l	100
85) sec-Butylbenzene	13.612	105	544439	53.211	ug/l	99
86) p-Isopropyltoluene	13.729	119	456315	53.933	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	243161	50.810	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	241454	49.961	ug/l	100
89) n-Butylbenzene	14.053	91	404862	52.772	ug/l	100
90) Hexachloroethane	14.329	117	84136	48.991	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	233253	49.707	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30813	46.955	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	120724	52.231	ug/l	99
94) Hexachlorobutadiene	15.500	225	54186	47.010	ug/l	98
95) Naphthalene	15.635	128	381581	49.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	117270	50.686	ug/l	99

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

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