

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084714.D
 Acq On : 06 Nov 2024 16:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 00:21:45 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 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116768	45.888	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.780%		
35) Dibromofluoromethane	8.165	113	93103	46.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.220%		
50) Toluene-d8	10.565	98	343061	46.626	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.847	95	133532	48.560	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90834	44.849	ug/l	96
3) Chloromethane	2.359	50	101703	42.412	ug/l	94
4) Vinyl Chloride	2.512	62	97065	44.559	ug/l	100
5) Bromomethane	2.901	94	52802	45.749	ug/l	97
6) Chloroethane	3.065	64	62444	46.203	ug/l	94
7) Trichlorofluoromethane	3.465	101	166460	46.389	ug/l	99
8) Diethyl Ether	3.953	74	60856	48.076	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	96422	47.554	ug/l	99
10) Methyl Iodide	4.577	142	131920	48.681	ug/l	96
11) Tert butyl alcohol	5.536	59	83036	247.216	ug/l	99
12) 1,1-Dichloroethene	4.324	96	91661	45.686	ug/l	94
13) Acrolein	4.177	56	109775	327.751	ug/l	99
14) Allyl chloride	5.012	41	152615	46.904	ug/l	92
15) Acrylonitrile	5.712	53	248597	255.661	ug/l	98
16) Acetone	4.430	43	200026	272.382	ug/l	99
17) Carbon Disulfide	4.695	76	248130	40.160	ug/l	99
18) Methyl Acetate	5.018	43	126427	46.833	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	313866	51.039	ug/l	100
20) Methylene Chloride	5.265	84	105675	47.218	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	92787	45.039	ug/l	96
22) Diisopropyl ether	6.671	45	321745	49.765	ug/l	98
23) Vinyl Acetate	6.600	43	1143698	256.521	ug/l	97
24) 1,1-Dichloroethane	6.559	63	188085	48.456	ug/l	99
25) 2-Butanone	7.483	43	311760	262.611	ug/l	100
26) 2,2-Dichloropropane	7.483	77	160904	47.627	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	115933	48.194	ug/l	96
28) Bromochloromethane	7.812	49	91601	59.233	ug/l	93
29) Tetrahydrofuran	7.836	42	203274	258.101	ug/l	95
30) Chloroform	7.965	83	193859	49.069	ug/l	99
31) Cyclohexane	8.253	56	151783	43.205	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	172684	48.023	ug/l	98
36) 1,1-Dichloropropene	8.365	75	127282	45.948	ug/l	99
37) Ethyl Acetate	7.559	43	128732	51.220	ug/l	99
38) Carbon Tetrachloride	8.359	117	150162	48.497	ug/l	95
39) Methylcyclohexane	9.600	83	142539	50.579	ug/l	96
40) Benzene	8.606	78	419663	47.173	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74320	54.988	ug/l	97
42) 1,2-Dichloroethane	8.665	62	140629	48.810	ug/l	99
43) Isopropyl Acetate	8.688	43	227566	48.991	ug/l	98
44) Trichloroethene	9.353	130	96571	47.069	ug/l	95
45) 1,2-Dichloropropane	9.618	63	103888	49.781	ug/l	98
46) Dibromomethane	9.706	93	71478	48.539	ug/l	96
47) Bromodichloromethane	9.888	83	152677	49.186	ug/l	97
48) Methyl methacrylate	9.677	41	104235	53.288	ug/l	97
49) 1,4-Dioxane	9.700	88	38193	1101.848	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	636961	265.847	ug/l	98
52) Toluene	10.629	92	261858	50.329	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	153341	47.724	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	164531	48.382	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	99315	50.674	ug/l	97
56) Ethyl methacrylate	10.871	69	159961	56.425	ug/l	96
57) 1,3-Dichloropropane	11.165	76	168421	50.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	357189	269.262	ug/l	97
59) 2-Hexanone	11.194	43	473067	271.256	ug/l	97
60) Dibromochloromethane	11.359	129	116786	52.284	ug/l	98
61) 1,2-Dibromoethane	11.471	107	101729	50.687	ug/l	98
64) Tetrachloroethene	11.106	164	80921	46.153	ug/l	97
65) Chlorobenzene	11.888	112	276330	46.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	103817	50.614	ug/l	97
67) Ethyl Benzene	11.965	91	490036	49.783	ug/l	99
68) m/p-Xylenes	12.071	106	379095	101.727	ug/l	99
69) o-Xylene	12.400	106	186805	53.585	ug/l	96
70) Styrene	12.412	104	311690	51.253	ug/l	98
71) Bromoform	12.576	173	79951	51.801	ug/l #	97
73) Isopropylbenzene	12.694	105	465755	47.903	ug/l	99
74) N-amyl acetate	12.494	43	196560	47.498	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	144805	44.619	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	120026m	43.277	ug/l	
77) Bromobenzene	12.982	156	114243	43.707	ug/l	94
78) n-propylbenzene	13.035	91	532893	46.771	ug/l	99
79) 2-Chlorotoluene	13.123	91	337701	45.361	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	398325	49.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52578	44.975	ug/l	98
82) 4-Chlorotoluene	13.218	91	340725	43.489	ug/l	99
83) tert-Butylbenzene	13.435	119	339134	50.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	406295	48.850	ug/l	98
85) sec-Butylbenzene	13.618	105	451596	47.935	ug/l	100
86) p-Isopropyltoluene	13.729	119	382541	49.511	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	209259	41.023	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	211160	44.993	ug/l	98
89) n-Butylbenzene	14.053	91	315499	43.653	ug/l	100
90) Hexachloroethane	14.335	117	73055	42.399	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	212560	43.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30200	45.934	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	109388	40.771	ug/l	99
94) Hexachlorobutadiene	15.500	225	48189	40.900	ug/l	97
95) Naphthalene	15.641	128	354354	44.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	106742	40.984	ug/l	98

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

