

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084842.D
 Acq On : 14 Nov 2024 09:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 00:41:10 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 : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	192160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	316615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	126211	45.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.940%		
35) Dibromofluoromethane	8.159	113	101367	47.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	10.559	98	376126	47.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.847	95	145405	49.283	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110023	49.806	ug/l	94
3) Chloromethane	2.359	50	124740	48.024	ug/l	98
4) Vinyl Chloride	2.512	62	135249	56.924	ug/l	97
5) Bromomethane	2.901	94	66030	52.453	ug/l	98
6) Chloroethane	3.077	64	87756	59.946	ug/l	99
7) Trichlorofluoromethane	3.471	101	211513	54.042	ug/l	100
8) Diethyl Ether	3.953	74	73060	52.917	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	116230	52.556	ug/l	97
10) Methyl Iodide	4.577	142	162502	54.979	ug/l	95
11) Tert butyl alcohol	5.530	59	84361	230.274	ug/l #	86
12) 1,1-Dichloroethene	4.324	96	111145	50.791	ug/l	93
13) Acrolein	4.171	56	73935	202.388	ug/l	100
14) Allyl chloride	5.012	41	178964	50.428	ug/l	94
15) Acrylonitrile	5.712	53	261340	246.415	ug/l	100
16) Acetone	4.418	43	215664	269.221	ug/l	97
17) Carbon Disulfide	4.700	76	306540	45.487	ug/l	100
18) Methyl Acetate	5.012	43	131986	44.640	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	373118	55.629	ug/l	97
20) Methylene Chloride	5.265	84	125296	51.329	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	114964	51.163	ug/l	99
22) Diisopropyl ether	6.665	45	371226	52.644	ug/l	97
23) Vinyl Acetate	6.594	43	1294265	266.151	ug/l	98
24) 1,1-Dichloroethane	6.559	63	216681	51.181	ug/l	97
25) 2-Butanone	7.477	43	325094	251.070	ug/l	98
26) 2,2-Dichloropropane	7.483	77	205456	55.757	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	138333	52.724	ug/l	96
28) Bromochloromethane	7.806	49	84866	50.314	ug/l	92
29) Tetrahydrofuran	7.836	42	214340	249.519	ug/l	94
30) Chloroform	7.959	83	229955	53.365	ug/l	99
31) Cyclohexane	8.253	56	190733	49.777	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	211450	53.913	ug/l	97
36) 1,1-Dichloropropene	8.365	75	160171	53.889	ug/l	99
37) Ethyl Acetate	7.553	43	138233	51.261	ug/l	98
38) Carbon Tetrachloride	8.353	117	185450	55.822	ug/l	99
39) Methylcyclohexane	9.594	83	180001	59.530	ug/l	100
40) Benzene	8.600	78	505504	52.959	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	77958	53.758	ug/l	96
42) 1,2-Dichloroethane	8.665	62	167241	54.101	ug/l	99
43) Isopropyl Acetate	8.683	43	245198	49.202	ug/l	97
44) Trichloroethene	9.347	130	114187	51.871	ug/l	98
45) 1,2-Dichloropropane	9.618	63	122477	54.699	ug/l	100
46) Dibromomethane	9.706	93	83421	52.798	ug/l	96
47) Bromodichloromethane	9.882	83	179953	54.032	ug/l #	97
48) Methyl methacrylate	9.677	41	110608	52.702	ug/l	94
49) 1,4-Dioxane	9.694	88	37477	1007.687	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	681760	265.200	ug/l	98
52) Toluene	10.624	92	309874	55.508	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	179801	52.155	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	196989	53.988	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	111405	52.978	ug/l	96
56) Ethyl methacrylate	10.871	69	177050	58.208	ug/l	93
57) 1,3-Dichloropropane	11.159	76	194987	54.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	379841	266.872	ug/l	96
59) 2-Hexanone	11.194	43	519264	277.503	ug/l	98
60) Dibromochloromethane	11.359	129	132584	55.321	ug/l	99
61) 1,2-Dibromoethane	11.465	107	112189	52.099	ug/l	99
64) Tetrachloroethene	11.100	164	99428	54.755	ug/l	96
65) Chlorobenzene	11.888	112	322156	52.749	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118016	55.554	ug/l	98
67) Ethyl Benzene	11.959	91	585138	57.397	ug/l	99
68) m/p-Xylenes	12.065	106	442292	114.597	ug/l	99
69) o-Xylene	12.394	106	213178	59.044	ug/l	99
70) Styrene	12.406	104	361633	57.418	ug/l	99
71) Bromoform	12.576	173	88615	55.436	ug/l #	98
73) Isopropylbenzene	12.694	105	544764	56.479	ug/l	100
74) N-amyl acetate	12.494	43	212669	51.804	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	157563	48.940	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	144130m	52.385	ug/l	
77) Bromobenzene	12.976	156	132037	50.921	ug/l	94
78) n-propylbenzene	13.029	91	633301	56.031	ug/l	98
79) 2-Chlorotoluene	13.123	91	400677	54.253	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	471775	59.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56362m	48.599	ug/l	
82) 4-Chlorotoluene	13.218	91	406733	52.331	ug/l	99
83) tert-Butylbenzene	13.435	119	398057	60.164	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	485480	58.840	ug/l	97
85) sec-Butylbenzene	13.612	105	545871	58.408	ug/l	99
86) p-Isopropyltoluene	13.723	119	463441	60.464	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	246451	48.702	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	242929	52.440	ug/l	99
89) n-Butylbenzene	14.053	91	387742	54.080	ug/l	99
90) Hexachloroethane	14.329	117	85239	49.868	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	235611	48.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29454	45.159	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	121209	45.540	ug/l	100
94) Hexachlorobutadiene	15.494	225	55113	47.152	ug/l	98
95) Naphthalene	15.635	128	371116	46.584	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	119258	46.158	ug/l	99

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

