

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082598.D
 Acq On : 17 Jun 2024 10:04
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	190524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147461	48.264	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.165	113	103987	49.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.570	98	412772	52.036	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.847	95	145732	53.288	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140284	52.721	ug/l	100
3) Chloromethane	2.359	50	151281	47.426	ug/l	100
4) Vinyl Chloride	2.512	62	150369	49.534	ug/l	100
5) Bromomethane	2.947	94	91379	46.762	ug/l	100
6) Chloroethane	3.112	64	100591	46.470	ug/l	100
7) Trichlorofluoromethane	3.494	101	192642	48.642	ug/l	100
8) Diethyl Ether	3.965	74	68675	50.917	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	110357	49.748	ug/l	100
10) Methyl Iodide	4.588	142	113795	53.853	ug/l	100
11) Tert butyl alcohol	5.524	59	123553	247.083	ug/l	100
12) 1,1-Dichloroethene	4.341	96	103190	48.644	ug/l	100
13) Acrolein	4.177	56	122785	241.045	ug/l	100
14) Allyl chloride	5.018	41	203378	49.021	ug/l	100
15) Acrylonitrile	5.718	53	319568	242.108	ug/l	100
16) Acetone	4.430	43	338645	243.714	ug/l	100
17) Carbon Disulfide	4.712	76	319859	47.479	ug/l	100
18) Methyl Acetate	5.030	43	158116	46.525	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	383192	52.772	ug/l	100
20) Methylene Chloride	5.277	84	118178	48.056	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	111772	49.577	ug/l	100
22) Diisopropyl ether	6.677	45	453433	52.115	ug/l	100
23) Vinyl Acetate	6.606	43	1829606	265.177	ug/l	100
24) 1,1-Dichloroethane	6.571	63	232308	49.288	ug/l	100
25) 2-Butanone	7.488	43	496646	251.463	ug/l	100
26) 2,2-Dichloropropane	7.494	77	209496	51.237	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	134781	49.616	ug/l	100
28) Bromochloromethane	7.812	49	100728	46.829	ug/l	100
29) Tetrahydrofuran	7.841	42	314901	260.449	ug/l	100
30) Chloroform	7.965	83	228040	49.599	ug/l	100
31) Cyclohexane	8.259	56	213405	48.398	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	206132	49.442	ug/l	100
36) 1,1-Dichloropropene	8.371	75	165979	52.932	ug/l	100
37) Ethyl Acetate	7.565	43	192298	48.144	ug/l	100
38) Carbon Tetrachloride	8.365	117	180166	50.984	ug/l	100
39) Methylcyclohexane	9.606	83	183346	55.560	ug/l	100
40) Benzene	8.606	78	502349	51.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	104989	51.422	ug/l	100
42) 1,2-Dichloroethane	8.671	62	187212	50.798	ug/l	100
43) Isopropyl Acetate	8.694	43	344007	46.556	ug/l	100
44) Trichloroethene	9.353	130	114763	51.010	ug/l	100
45) 1,2-Dichloropropane	9.623	63	128873	51.675	ug/l	100
46) Dibromomethane	9.712	93	86817	51.354	ug/l	100
47) Bromodichloromethane	9.888	83	184602	51.218	ug/l	100
48) Methyl methacrylate	9.682	41	160480	52.151	ug/l	100
49) 1,4-Dioxane	9.694	88	53438	1110.200	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	1014906	265.077	ug/l	100
52) Toluene	10.635	92	315368	53.709	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200623	54.450	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	208377	54.690	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	113273	53.299	ug/l	100
56) Ethyl methacrylate	10.876	69	196946	55.952	ug/l	100
57) 1,3-Dichloropropane	11.165	76	204449	52.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	492521	264.506	ug/l	100
59) 2-Hexanone	11.200	43	796561	273.732	ug/l	100
60) Dibromochloromethane	11.359	129	138344	53.326	ug/l	100
61) 1,2-Dibromoethane	11.470	107	117147	52.281	ug/l	100
64) Tetrachloroethene	11.106	164	112673	47.839	ug/l	100
65) Chlorobenzene	11.894	112	334409	51.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	119922	51.342	ug/l	100
67) Ethyl Benzene	11.964	91	610394	54.688	ug/l	100
68) m/p-Xylenes	12.070	106	462828	111.462	ug/l	100
69) o-Xylene	12.400	106	217931	55.863	ug/l	100
70) Styrene	12.412	104	385806	58.268	ug/l	100
71) Bromoform	12.582	173	96393	52.198	ug/l #	100
73) Isopropylbenzene	12.700	105	570671	52.453	ug/l	100
74) N-amyl acetate	12.494	43	300710	51.790	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	163607	46.102	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	162296m	48.932	ug/l	100
77) Bromobenzene	12.982	156	137512	49.104	ug/l	100
78) n-propylbenzene	13.035	91	694200	53.943	ug/l	100
79) 2-Chlorotoluene	13.129	91	413987	51.297	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	483127	54.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70589	49.148	ug/l	100
82) 4-Chlorotoluene	13.223	91	420096	52.108	ug/l	100
83) tert-Butylbenzene	13.441	119	405233	53.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	491842	55.532	ug/l	100
85) sec-Butylbenzene	13.617	105	583787	54.657	ug/l	100
86) p-Isopropyltoluene	13.729	119	493483	57.374	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	257833	50.779	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	258345	50.631	ug/l	100
89) n-Butylbenzene	14.058	91	431410	56.545	ug/l	100
90) Hexachloroethane	14.335	117	92596	49.479	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	245915	49.602	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37351	49.732	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	135872	51.973	ug/l	100
94) Hexachlorobutadiene	15.505	225	60215	46.715	ug/l	100
95) Naphthalene	15.641	128	439383	54.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	134255	50.392	ug/l	100

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

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