

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085020.D
 Acq On : 22 Nov 2024 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 03:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119484	50.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.180%
35) Dibromofluoromethane	8.159	113	95064	49.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	10.565	98	348915	51.146	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.847	95	138876	54.436	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.880%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	85037	45.356	ug/l	100
3) Chloromethane	2.359	50	90354	41.551	ug/l	100
4) Vinyl Chloride	2.512	62	88359	45.215	ug/l	97
5) Bromomethane	2.901	94	48080	43.896	ug/l	97
6) Chloroethane	3.071	64	56281	42.728	ug/l	97
7) Trichlorofluoromethane	3.471	101	154195	46.385	ug/l	100
8) Diethyl Ether	3.953	74	55012	48.621	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	85855	45.536	ug/l	99
10) Methyl Iodide	4.577	142	120548	48.302	ug/l	99
11) Tert butyl alcohol	5.542	59	72462	229.593	ug/l	95
12) 1,1-Dichloroethene	4.324	96	82751	47.021	ug/l	98
13) Acrolein	4.171	56	63713	302.534	ug/l	98
14) Allyl chloride	5.012	41	139522	47.028	ug/l	98
15) Acrylonitrile	5.712	53	223045	249.618	ug/l	100
16) Acetone	4.424	43	183436	266.681	ug/l	99
17) Carbon Disulfide	4.700	76	220134	42.378	ug/l	98
18) Methyl Acetate	5.018	43	112511	51.203	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	282308	49.096	ug/l	99
20) Methylene Chloride	5.271	84	92544	44.090	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	84073	45.396	ug/l	93
22) Diisopropyl ether	6.665	45	281533	47.149	ug/l	99
23) Vinyl Acetate	6.594	43	1045904	253.901	ug/l	99
24) 1,1-Dichloroethane	6.559	63	167707	46.934	ug/l	100
25) 2-Butanone	7.483	43	281528	250.342	ug/l	99
26) 2,2-Dichloropropane	7.483	77	144671	43.359	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	103058	46.160	ug/l	99
28) Bromochloromethane	7.806	49	62601	46.411	ug/l	97
29) Tetrahydrofuran	7.835	42	182820	261.419	ug/l	99
30) Chloroform	7.959	83	171833	45.207	ug/l	94
31) Cyclohexane	8.253	56	135845	43.179	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	159613	46.470	ug/l	97
36) 1,1-Dichloropropene	8.365	75	115546	44.814	ug/l	99
37) Ethyl Acetate	7.553	43	113589	48.460	ug/l	99
38) Carbon Tetrachloride	8.359	117	139395	46.837	ug/l	95
39) Methylcyclohexane	9.594	83	125188	46.725	ug/l	97
40) Benzene	8.600	78	375189	46.008	ug/l	100

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41) Methacrylonitrile	7.771	41	65615	50.558	ug/l	99
42) 1,2-Dichloroethane	8.665	62	128351	46.006	ug/l	99
43) Isopropyl Acetate	8.688	43	202380	41.566	ug/l	98
44) Trichloroethene	9.347	130	86845	45.825	ug/l	94
45) 1,2-Dichloropropane	9.618	63	90723	45.168	ug/l	97
46) Dibromomethane	9.706	93	63403	45.429	ug/l	100
47) Bromodichloromethane	9.882	83	138510	46.825	ug/l	98
48) Methyl methacrylate	9.677	41	92223	50.901	ug/l	98
49) 1,4-Dioxane	9.688	88	30357	966.160	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	596300	268.135	ug/l	99
52) Toluene	10.624	92	231070	47.864	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	134544	45.368	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	145629	46.288	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	86336	48.013	ug/l	98
56) Ethyl methacrylate	10.871	69	143775	54.717	ug/l	99
57) 1,3-Dichloropropane	11.159	76	149304	47.176	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	342109	265.424	ug/l	100
59) 2-Hexanone	11.194	43	443144	266.432	ug/l	100
60) Dibromochloromethane	11.359	129	101844	46.342	ug/l	99
61) 1,2-Dibromoethane	11.465	107	86818	46.652	ug/l	99
64) Tetrachloroethene	11.100	164	71306	43.303	ug/l	91
65) Chlorobenzene	11.888	112	240742	43.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	88250	45.226	ug/l	99
67) Ethyl Benzene	11.959	91	433345	48.195	ug/l	100
68) m/p-Xylenes	12.070	106	331642	96.880	ug/l	99
69) o-Xylene	12.394	106	159889	49.101	ug/l	99
70) Styrene	12.406	104	273009	50.416	ug/l	100
71) Bromoform	12.576	173	71427	49.313	ug/l #	99
73) Isopropylbenzene	12.694	105	409728	46.030	ug/l	99
74) N-amyl acetate	12.494	43	178643	48.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	127388	41.909	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	103534m	45.112	ug/l	
77) Bromobenzene	12.976	156	100357	41.895	ug/l	97
78) n-propylbenzene	13.035	91	473235	46.093	ug/l	100
79) 2-Chlorotoluene	13.123	91	302969	44.205	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	355712	47.623	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	45040	43.323	ug/l	99
82) 4-Chlorotoluene	13.217	91	304819	42.723	ug/l	100
83) tert-Butylbenzene	13.435	119	298778	46.490	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	361290	46.990	ug/l	99
85) sec-Butylbenzene	13.612	105	403676	46.498	ug/l	100
86) p-Isopropyltoluene	13.723	119	343655	47.952	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	181798	38.478	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	180327	37.400	ug/l	99
89) n-Butylbenzene	14.053	91	279110	41.878	ug/l	98
90) Hexachloroethane	14.329	117	66086	42.304	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	177360	39.174	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25395	43.206	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	83838	34.085	ug/l	98
94) Hexachlorobutadiene	15.500	225	39524	34.818	ug/l	99
95) Naphthalene	15.635	128	283029	40.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	86482	36.849	ug/l	98

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

