

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083447.D
 Acq On : 23 Aug 2024 08:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 23:52:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108817	49.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.165	113	79275	48.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	10.565	98	285089	46.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.980%		
62) 4-Bromofluorobenzene	12.847	95	115683	48.390	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.780%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	75024	43.126	ug/l	98
3) Chloromethane	2.359	50	87853	49.327	ug/l	97
4) Vinyl Chloride	2.518	62	91967	50.605	ug/l	98
5) Bromomethane	2.900	94	47379	42.015	ug/l	90
6) Chloroethane	3.071	64	62152	54.663	ug/l	99
7) Trichlorofluoromethane	3.471	101	160336	53.406	ug/l	95
8) Diethyl Ether	3.953	74	55429	49.616	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.359	101	89340	53.974	ug/l	97
10) Methyl Iodide	4.577	142	112358	51.603	ug/l #	96
11) Tert butyl alcohol	5.541	59	78964	174.012	ug/l	97
12) 1,1-Dichloroethene	4.330	96	82469	48.496	ug/l	84
13) Acrolein	4.177	56	77593	262.359	ug/l	99
14) Allyl chloride	5.012	41	152343	47.406	ug/l	91
15) Acrylonitrile	5.718	53	215137	230.519	ug/l	99
16) Acetone	4.424	43	243239	284.683	ug/l	93
17) Carbon Disulfide	4.700	76	223869	44.992	ug/l	100
18) Methyl Acetate	5.024	43	114459	44.962	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	305785	49.818	ug/l	97
20) Methylene Chloride	5.265	84	96495	49.072	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	87921	50.024	ug/l	92
22) Diisopropyl ether	6.671	45	318365	52.704	ug/l	97
23) Vinyl Acetate	6.600	43	1630218	263.297	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	177618	53.945	ug/l	100
25) 2-Butanone	7.483	43	306665	233.750	ug/l #	88
26) 2,2-Dichloropropane	7.483	77	164096	53.666	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	109357	51.562	ug/l	93
28) Bromochloromethane	7.806	49	68087	50.601	ug/l	91
29) Tetrahydrofuran	7.835	42	186287	219.657	ug/l	90
30) Chloroform	7.965	83	186732	54.589	ug/l	95
31) Cyclohexane	8.253	56	153719	47.504	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	171350	52.920	ug/l	98
36) 1,1-Dichloropropene	8.371	75	128561	51.698	ug/l	99
37) Ethyl Acetate	7.559	43	123313	44.288	ug/l #	95
38) Carbon Tetrachloride	8.359	117	147091	52.516	ug/l	97
39) Methylcyclohexane	9.600	83	154393	50.548	ug/l	94
40) Benzene	8.606	78	392338	52.961	ug/l	100

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41) Methacrylonitrile	7.777	41	70426	44.486	ug/l	96
42) 1,2-Dichloroethane	8.671	62	146833	54.411	ug/l	98
43) Isopropyl Acetate	8.688	43	214256	43.989	ug/l #	92
44) Trichloroethene	9.347	130	90989	51.602	ug/l	99
45) 1,2-Dichloropropane	9.618	63	94968	54.006	ug/l	97
46) Dibromomethane	9.706	93	67162	53.360	ug/l	98
47) Bromodichloromethane	9.888	83	147489	52.187	ug/l	100
48) Methyl methacrylate	9.682	41	103680	45.041	ug/l	93
49) 1,4-Dioxane	9.700	88	33974	818.077	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	600280	227.987	ug/l	94
52) Toluene	10.629	92	250255	53.465	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	149914	51.640	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	159923	51.792	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	88812	52.945	ug/l	94
56) Ethyl methacrylate	10.871	69	149324	47.221	ug/l	89
57) 1,3-Dichloropropane	11.165	76	158509	53.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	296599	221.891	ug/l	98
59) 2-Hexanone	11.194	43	460123	225.887	ug/l	93
60) Dibromochloromethane	11.359	129	106308	52.418	ug/l	97
61) 1,2-Dibromoethane	11.465	107	89391	50.729	ug/l	99
64) Tetrachloroethene	11.106	164	76046	50.089	ug/l	96
65) Chlorobenzene	11.888	112	259197	51.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	91126	51.003	ug/l	99
67) Ethyl Benzene	11.965	91	477566	51.388	ug/l	98
68) m/p-Xylenes	12.070	106	355697	102.176	ug/l	97
69) o-Xylene	12.400	106	173204	50.446	ug/l	99
70) Styrene	12.412	104	294175	51.014	ug/l	98
71) Bromoform	12.576	173	66912	49.435	ug/l #	100
73) Isopropylbenzene	12.694	105	456764	46.909	ug/l	100
74) N-amyl acetate	12.494	43	193699	40.669	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	127406	46.262	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	110289m	43.166	ug/l	
77) Bromobenzene	12.976	156	101561	46.953	ug/l	96
78) n-propylbenzene	13.035	91	526142	46.926	ug/l	100
79) 2-Chlorotoluene	13.123	91	336302	47.310	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	382975	46.979	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	50968	43.392	ug/l	89
82) 4-Chlorotoluene	13.223	91	332191	46.589	ug/l	97
83) tert-Butylbenzene	13.435	119	338918	46.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	393980	47.956	ug/l	98
85) sec-Butylbenzene	13.617	105	459905	46.687	ug/l	100
86) p-Isopropyltoluene	13.729	119	387564	47.650	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	196894	48.376	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	197160	48.050	ug/l	98
89) n-Butylbenzene	14.053	91	333632	47.339	ug/l	99
90) Hexachloroethane	14.335	117	72163	45.923	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	194456	49.373	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26367	39.455	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	95547	43.302	ug/l	96
94) Hexachlorobutadiene	15.494	225	41693	42.488	ug/l	99
95) Naphthalene	15.641	128	323053	41.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98075	44.921	ug/l	96

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

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