

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083789.D
 Acq On : 11 Sep 2024 12:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 12:20:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	143672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118664	54.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.560%			
35) Dibromofluoromethane	8.165	113	86409	50.451	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	10.565	98	315753	53.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.847	95	126537	51.798	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84949	50.913	ug/l	93
3) Chloromethane	2.359	50	88928	52.276	ug/l	96
4) Vinyl Chloride	2.512	62	92655	50.663	ug/l	99
5) Bromomethane	2.900	94	50729	48.311	ug/l	99
6) Chloroethane	3.071	64	60301	47.527	ug/l	95
7) Trichlorofluoromethane	3.471	101	153536	49.458	ug/l	93
8) Diethyl Ether	3.953	74	53544	51.454	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	80422	48.875	ug/l	98
10) Methyl Iodide	4.577	142	107801	51.513	ug/l	93
11) Tert butyl alcohol	5.547	59	72586	250.213	ug/l	99
12) 1,1-Dichloroethene	4.330	96	78642	50.608	ug/l	93
13) Acrolein	4.177	56	70729	247.106	ug/l	99
14) Allyl chloride	5.012	41	133714	48.291	ug/l	97
15) Acrylonitrile	5.718	53	204816	259.615	ug/l	99
16) Acetone	4.424	43	181200	208.649	ug/l	97
17) Carbon Disulfide	4.700	76	203165	46.738	ug/l	99
18) Methyl Acetate	5.018	43	104569	58.091	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	293553	52.204	ug/l	95
20) Methylene Chloride	5.271	84	89149	50.164	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	80593	48.393	ug/l	91
22) Diisopropyl ether	6.677	45	299995	52.631	ug/l	99
23) Vinyl Acetate	6.600	43	1134746	271.849	ug/l	99
24) 1,1-Dichloroethane	6.565	63	165654	50.445	ug/l	99
25) 2-Butanone	7.482	43	273865	239.931	ug/l	99
26) 2,2-Dichloropropane	7.488	77	89606	29.630	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	101861	51.524	ug/l	96
28) Bromochloromethane	7.812	49	74700	54.016	ug/l	96
29) Tetrahydrofuran	7.835	42	177698	263.287	ug/l	99
30) Chloroform	7.965	83	174801	50.139	ug/l	98
31) Cyclohexane	8.259	56	146451	46.774	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	165512	51.631	ug/l	99
36) 1,1-Dichloropropene	8.365	75	119037	46.176	ug/l	98
37) Ethyl Acetate	7.559	43	123667	52.850	ug/l	96
38) Carbon Tetrachloride	8.365	117	140063	47.891	ug/l	94
39) Methylcyclohexane	9.600	83	135359	46.130	ug/l	97
40) Benzene	8.600	78	367430	47.354	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69169	49.978	ug/l	97
42) 1,2-Dichloroethane	8.671	62	140128	48.331	ug/l	100
43) Isopropyl Acetate	8.688	43	329439	77.691	ug/l #	86
44) Trichloroethene	9.353	130	82726	46.040	ug/l	91
45) 1,2-Dichloropropane	9.618	63	91813	48.958	ug/l	97
46) Dibromomethane	9.706	93	65331	49.736	ug/l	98
47) Bromodichloromethane	9.888	83	139334	49.013	ug/l	98
48) Methyl methacrylate	9.676	41	103270	51.332	ug/l	97
49) 1,4-Dioxane	9.700	88	32697	987.965	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	595847	258.139	ug/l	98
52) Toluene	10.629	92	227132	47.857	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	132099	45.843	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	137738	45.506	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	84844	47.884	ug/l	97
56) Ethyl methacrylate	10.871	69	144049	52.841	ug/l	96
57) 1,3-Dichloropropane	11.159	76	151276	49.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	302620	308.084	ug/l	98
59) 2-Hexanone	11.194	43	437168	256.033	ug/l	98
60) Dibromochloromethane	11.359	129	100984	50.926	ug/l	99
61) 1,2-Dibromoethane	11.470	107	86026	48.683	ug/l	98
64) Tetrachloroethene	11.100	164	72903	45.238	ug/l	97
65) Chlorobenzene	11.888	112	240968	44.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	86738	46.456	ug/l	99
67) Ethyl Benzene	11.965	91	443111	46.314	ug/l	99
68) m/p-Xylenes	12.070	106	327738	92.266	ug/l	98
69) o-Xylene	12.394	106	162153	47.155	ug/l	100
70) Styrene	12.412	104	272961	48.368	ug/l	99
71) Bromoform	12.576	173	64014	50.878	ug/l #	99
73) Isopropylbenzene	12.694	105	423742	44.558	ug/l	100
74) N-amyl acetate	12.494	43	201832	49.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	123941	44.357	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	86849m	35.016	ug/l	
77) Bromobenzene	12.976	156	95378	41.666	ug/l	99
78) n-propylbenzene	13.035	91	482332	43.591	ug/l	99
79) 2-Chlorotoluene	13.123	91	307654	43.598	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	354832	44.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	36373	38.408	ug/l	93
82) 4-Chlorotoluene	13.223	91	304993	43.070	ug/l	99
83) tert-Butylbenzene	13.435	119	313392	44.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	360044	44.704	ug/l	99
85) sec-Butylbenzene	13.617	105	424471	45.628	ug/l	100
86) p-Isopropyltoluene	13.729	119	350497	44.945	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	180608	41.806	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	180483	41.258	ug/l	99
89) n-Butylbenzene	14.053	91	290663	41.513	ug/l	99
90) Hexachloroethane	14.329	117	68319	43.581	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	181682	43.576	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25764	46.255	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	90041	40.244	ug/l	99
94) Hexachlorobutadiene	15.500	225	36136	38.031	ug/l	98
95) Naphthalene	15.641	128	317908	46.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	89952	42.068	ug/l	100

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

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