

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083662.D
 Acq On : 04 Sep 2024 20:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/05/2024
 Supervised By : Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 02:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	169513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	141044	59.535	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.060%			
35) Dibromofluoromethane	8.165	113	102589	57.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.800%			
50) Toluene-d8	10.565	98	386062	55.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.500%			
62) 4-Bromofluorobenzene	12.847	95	155310	60.758	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 121.520%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80609	44.931	ug/l	95
3) Chloromethane	2.359	50	83440	39.926	ug/l	95
4) Vinyl Chloride	2.518	62	89461	42.773	ug/l	100
5) Bromomethane	2.900	94	49368	44.900	ug/l	100
6) Chloroethane	3.053	64	61366	44.899	ug/l #	88
7) Trichlorofluoromethane	3.459	101	160406	46.571	ug/l	98
8) Diethyl Ether	3.953	74	56736	46.078	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	86831	46.485	ug/l	100
10) Methyl Iodide	4.577	142	112061	44.350	ug/l	96
11) Tert butyl alcohol	5.547	59	91924	248.856	ug/l	99
12) 1,1-Dichloroethene	4.324	96	81746	44.020	ug/l	95
13) Acrolein	4.177	56	70661	202.196	ug/l	98
14) Allyl chloride	5.012	41	144505	43.644	ug/l	97
15) Acrylonitrile	5.718	53	215986	237.097	ug/l	99
16) Acetone	4.430	43	181669	192.292	ug/l	96
17) Carbon Disulfide	4.694	76	206471	38.153	ug/l	97
18) Methyl Acetate	5.018	43	110980	44.171	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	309637	47.006	ug/l	99
20) Methylene Chloride	5.271	84	92428	44.303	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	84533	43.700	ug/l	87
22) Diisopropyl ether	6.671	45	310830	47.610	ug/l	97
23) Vinyl Acetate	6.600	43	1151473	237.993	ug/l	99
24) 1,1-Dichloroethane	6.559	63	172614	46.363	ug/l	99
25) 2-Butanone	7.482	43	287702	223.664	ug/l	98
26) 2,2-Dichloropropane	7.482	77	145866	42.080	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	106149	45.987	ug/l	100
28) Bromochloromethane	7.812	49	83714	48.150	ug/l	100
29) Tetrahydrofuran	7.841	42	191473	239.981	ug/l	99
30) Chloroform	7.965	83	182961	46.643	ug/l	98
31) Cyclohexane	8.253	56	149557	40.810	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	172738	48.700	ug/l	100
36) 1,1-Dichloropropene	8.365	75	123951	45.860	ug/l	99
37) Ethyl Acetate	7.559	43	126693	47.100	ug/l	98
38) Carbon Tetrachloride	8.359	117	148807	48.255	ug/l	97
39) Methylcyclohexane	9.600	83	146465	45.159	ug/l	96
40) Benzene	8.600	78	383382	46.111	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70941	46.216	ug/l	99
42) 1,2-Dichloroethane	8.671	62	146575	47.558	ug/l	99
43) Isopropyl Acetate	8.688	43	224848	41.453	ug/l	98
44) Trichloroethene	9.347	130	88530	44.263	ug/l	90
45) 1,2-Dichloropropane	9.618	63	92538	47.778	ug/l	99
46) Dibromomethane	9.706	93	67913	47.528	ug/l	98
47) Bromodichloromethane	9.888	83	143401	47.145	ug/l	99
48) Methyl methacrylate	9.676	41	106096	48.089	ug/l	98
49) 1,4-Dioxane	9.694	88	35935	994.011	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	617472	246.914	ug/l	99
52) Toluene	10.629	92	242917	46.715	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	146596	46.556	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	154997	46.896	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	88379	47.619	ug/l	97
56) Ethyl methacrylate	10.870	69	151469	49.332	ug/l	98
57) 1,3-Dichloropropane	11.159	76	157553	47.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	319162	239.229	ug/l	98
59) 2-Hexanone	11.194	43	454441	242.141	ug/l	100
60) Dibromochloromethane	11.359	129	104097	48.405	ug/l	99
61) 1,2-Dibromoethane	11.470	107	92355	48.706	ug/l	97
64) Tetrachloroethene	11.100	164	75542	43.964	ug/l	99
65) Chlorobenzene	11.888	112	250844	42.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	91741	46.349	ug/l	99
67) Ethyl Benzene	11.964	91	470764	44.985	ug/l	100
68) m/p-Xylenes	12.070	106	347225	88.077	ug/l	99
69) o-Xylene	12.394	106	172392	45.244	ug/l	99
70) Styrene	12.412	104	285382	44.545	ug/l	99
71) Bromoform	12.576	173	66982	47.510	ug/l #	100
73) Isopropylbenzene	12.694	105	450812	39.539	ug/l	100
74) N-amyl acetate	12.494	43	203345	41.090	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	132428	40.913	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	115304m	40.541	ug/l	
77) Bromobenzene	12.982	156	101787	38.052	ug/l	100
78) n-propylbenzene	13.035	91	508973	38.610	ug/l	99
79) 2-Chlorotoluene	13.123	91	326097	38.175	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	379921	39.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44841	37.186	ug/l	94
82) 4-Chlorotoluene	13.223	91	325535	37.513	ug/l	100
83) tert-Butylbenzene	13.435	119	338543	39.645	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	390096	40.349	ug/l	98
85) sec-Butylbenzene	13.617	105	443563	39.080	ug/l	99
86) p-Isopropyltoluene	13.729	119	370744	39.108	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	190718	36.729	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	191211	35.837	ug/l	100
89) n-Butylbenzene	14.053	91	310122	37.190	ug/l	99
90) Hexachloroethane	14.335	117	73091	39.610	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	193097	38.616	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27365	38.982	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	94776	33.423	ug/l	98
94) Hexachlorobutadiene	15.500	225	38288	33.717	ug/l	99
95) Naphthalene	15.641	128	323781	35.539	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	93234	32.914	ug/l	98

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

