

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080892.D
 Acq On : 05 Feb 2024 13:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 04:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	105483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	93580	51.281	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	8.165	113	68277	50.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	10.571	98	267794	50.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.847	95	92254	49.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	79685	50.860	ug/l	100
3) Chloromethane	2.359	50	108540	46.087	ug/l	97
4) Vinyl Chloride	2.512	62	86848	48.505	ug/l	92
5) Bromomethane	2.954	94	37290	52.069	ug/l	91
6) Chloroethane	3.118	64	50382	52.779	ug/l	97
7) Trichlorofluoromethane	3.495	101	118649	51.202	ug/l	93
8) Diethyl Ether	3.959	74	57899	54.162	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	68032	50.347	ug/l	97
10) Methyl Iodide	4.583	142	60099	52.686	ug/l	95
11) Tert butyl alcohol	5.512	59	76937	258.640	ug/l	100
12) 1,1-Dichloroethene	4.342	96	71375	48.206	ug/l	88
13) Acrolein	4.177	56	93287	248.685	ug/l	99
14) Allyl chloride	5.024	41	150669	51.483	ug/l	98
15) Acrylonitrile	5.712	53	240294	268.595	ug/l	99
16) Acetone	4.424	43	175650	265.406	ug/l	100
17) Carbon Disulfide	4.712	76	207217	44.954	ug/l	96
18) Methyl Acetate	5.012	43	133594	57.920	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	271645	52.068	ug/l	96
20) Methylene Chloride	5.277	84	89670	51.615	ug/l #	89
21) trans-1,2-Dichloroethene	5.789	96	77792	48.360	ug/l	95
22) Diisopropyl ether	6.671	45	350465	54.274	ug/l	98
23) Vinyl Acetate	6.600	43	1341288	287.076	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172967	52.817	ug/l	99
25) 2-Butanone	7.483	43	325787	259.165	ug/l	97
26) 2,2-Dichloropropane	7.489	77	127751	48.264	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	96369	51.754	ug/l	98
28) Bromochloromethane	7.812	49	80694	46.540	ug/l	98
29) Tetrahydrofuran	7.836	42	222945	262.103	ug/l	99
30) Chloroform	7.965	83	158307	52.033	ug/l	93
31) Cyclohexane	8.259	56	143427	45.835	ug/l #	88
32) 1,1,1-Trichloroethane	8.171	97	127949	51.860	ug/l	98
36) 1,1-Dichloropropene	8.371	75	121033	48.005	ug/l	99
37) Ethyl Acetate	7.559	43	131490	50.662	ug/l	98
38) Carbon Tetrachloride	8.359	117	101725	50.076	ug/l	97
39) Methylcyclohexane	9.606	83	114269	45.598	ug/l	95
40) Benzene	8.606	78	373161	50.358	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	80774	52.803	ug/l	93
42) 1,2-Dichloroethane	8.671	62	136215	56.424	ug/l	99
43) Isopropyl Acetate	8.688	43	238588	50.491	ug/l	97
44) Trichloroethene	9.353	130	78265	47.952	ug/l	97
45) 1,2-Dichloropropane	9.618	63	103963	51.843	ug/l	95
46) Dibromomethane	9.712	93	60239	50.673	ug/l	99
47) Bromodichloromethane	9.888	83	122522	50.765	ug/l #	97
48) Methyl methacrylate	9.683	41	113914	49.726	ug/l	98
49) 1,4-Dioxane	9.694	88	28481	1032.138	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	706223	267.349	ug/l	98
52) Toluene	10.635	92	216231	50.893	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	143541	51.052	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	159433	52.145	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	84607	51.816	ug/l	95
56) Ethyl methacrylate	10.877	69	143468	57.156	ug/l	98
57) 1,3-Dichloropropane	11.165	76	162675	52.937	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	383206	261.880	ug/l	99
59) 2-Hexanone	11.194	43	540814	263.568	ug/l	96
60) Dibromochloromethane	11.359	129	84740	55.795	ug/l	99
61) 1,2-Dibromoethane	11.471	107	77562	50.685	ug/l	95
64) Tetrachloroethene	11.106	164	68195	54.477	ug/l	88
65) Chlorobenzene	11.894	112	207166	49.840	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	68656	50.794	ug/l	94
67) Ethyl Benzene	11.965	91	393605	50.949	ug/l	100
68) m/p-Xylenes	12.071	106	285034	103.891	ug/l	97
69) o-Xylene	12.400	106	142224	52.169	ug/l	99
70) Styrene	12.412	104	237070	54.147	ug/l	99
71) Bromoform	12.576	173	45416	49.693	ug/l #	96
73) Isopropylbenzene	12.700	105	355466	50.518	ug/l	99
74) N-amyl acetate	12.494	43	210543	48.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	118877	48.029	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108002m	46.605	ug/l	
77) Bromobenzene	12.982	156	73403	48.801	ug/l	99
78) n-propylbenzene	13.035	91	425626	50.633	ug/l	99
79) 2-Chlorotoluene	13.123	91	259992	48.662	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	281051	50.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42897	47.687	ug/l	86
82) 4-Chlorotoluene	13.223	91	263086	49.730	ug/l	99
83) tert-Butylbenzene	13.441	119	218574	48.843	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	285122	50.218	ug/l	98
85) sec-Butylbenzene	13.618	105	329212	49.900	ug/l	98
86) p-Isopropyltoluene	13.729	119	259325	50.580	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128255	47.672	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	132582	49.154	ug/l	99
89) n-Butylbenzene	14.059	91	254808	50.787	ug/l	99
90) Hexachloroethane	14.335	117	43422	48.402	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	127993	51.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22095	47.758	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	60838	48.003	ug/l	95
94) Hexachlorobutadiene	15.506	225	26906	48.594	ug/l	95
95) Naphthalene	15.641	128	234761	48.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59854	48.046	ug/l	98

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

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