

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081459.D
 Acq On : 18 Mar 2024 19:14
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031824

Quant Time: Mar 19 06:02:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	425301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	726602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	670244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	268296	49.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.165	113	232576	50.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.440%		
50) Toluene-d8	10.571	98	838829	50.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.853	95	305293	52.268	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	247993	43.305	ug/l	92
3) Chloromethane	2.359	50	251288	44.072	ug/l	100
4) Vinyl Chloride	2.518	62	287792	44.975	ug/l	96
5) Bromomethane	2.948	94	185598	41.013	ug/l	88
6) Chloroethane	3.118	64	196241	44.667	ug/l	95
7) Trichlorofluoromethane	3.500	101	438297	45.959	ug/l	93
8) Diethyl Ether	3.959	74	145951	46.244	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	243652	44.965	ug/l #	89
10) Methyl Iodide	4.589	142	267655	49.601	ug/l	100
11) Tert butyl alcohol	5.518	59	216169	228.707	ug/l	99
12) 1,1-Dichloroethene	4.342	96	233716	46.564	ug/l	83
13) Acrolein	4.177	56	212486	250.534	ug/l	98
14) Allyl chloride	5.024	41	281608	44.775	ug/l #	80
15) Acrylonitrile	5.724	53	595575	235.536	ug/l	96
16) Acetone	4.424	43	428945	244.718	ug/l	98
17) Carbon Disulfide	4.718	76	627423	43.560	ug/l	98
18) Methyl Acetate	5.024	43	266547	49.325	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	747813	47.606	ug/l	98
20) Methylene Chloride	5.277	84	262328	45.689	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	256902	45.905	ug/l	90
22) Diisopropyl ether	6.677	45	710045	48.588	ug/l #	94
23) Vinyl Acetate	6.600	43	2834428	243.672	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	448722	45.844	ug/l	96
25) 2-Butanone	7.483	43	731457	243.297	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	383355	45.157	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	297091	46.919	ug/l	85
28) Bromochloromethane	7.812	49	186300	46.730	ug/l #	53
29) Tetrahydrofuran	7.835	42	494144	243.981	ug/l #	80
30) Chloroform	7.965	83	489567	46.722	ug/l	99
31) Cyclohexane	8.259	56	386971	43.845	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	446941	47.014	ug/l	93
36) 1,1-Dichloropropene	8.371	75	357880	46.376	ug/l	95
37) Ethyl Acetate	7.559	43	310772	47.029	ug/l	99
38) Carbon Tetrachloride	8.365	117	386527	45.723	ug/l	89
39) Methylcyclohexane	9.600	83	420668	48.813	ug/l	86
40) Benzene	8.606	78	1066195	47.258	ug/l	99

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41) Methacrylonitrile	7.782	41	171806	49.163	ug/l	91
42) 1,2-Dichloroethane	8.671	62	370018	46.603	ug/l	97
43) Isopropyl Acetate	8.688	43	510063	46.566	ug/l #	91
44) Trichloroethene	9.353	130	284750	44.875	ug/l	100
45) 1,2-Dichloropropane	9.624	63	262826	48.068	ug/l	96
46) Dibromomethane	9.712	93	194594	46.863	ug/l #	86
47) Bromodichloromethane	9.888	83	392302	48.322	ug/l #	99
48) Methyl methacrylate	9.682	41	244228	48.341	ug/l #	83
49) 1,4-Dioxane	9.700	88	117004	963.685	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1630665	243.972	ug/l	92
52) Toluene	10.635	92	690899	48.181	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	408213	46.565	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	439305	46.739	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	269635	46.723	ug/l	94
56) Ethyl methacrylate	10.876	69	386892	45.504	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	454701	48.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	995366	274.113	ug/l #	85
59) 2-Hexanone	11.194	43	1230806	249.070	ug/l	91
60) Dibromochloromethane	11.359	129	295869	46.618	ug/l	100
61) 1,2-Dibromoethane	11.470	107	279505	47.506	ug/l	97
64) Tetrachloroethene	11.106	164	295064	46.056	ug/l	95
65) Chlorobenzene	11.894	112	730806	46.123	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	275748	46.956	ug/l	97
67) Ethyl Benzene	11.965	91	1318482	47.905	ug/l	98
68) m/p-Xylenes	12.070	106	1024409	99.284	ug/l	94
69) o-Xylene	12.400	106	493174	48.687	ug/l	93
70) Styrene	12.412	104	825066	50.503	ug/l	96
71) Bromoform	12.582	173	205450	46.557	ug/l #	96
73) Isopropylbenzene	12.700	105	1298875	47.433	ug/l	98
74) N-amyl acetate	12.494	43	467727	47.199	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	351388	43.644	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	343681m	44.725	ug/l	
77) Bromobenzene	12.982	156	308162	45.556	ug/l	71
78) n-propylbenzene	13.035	91	1545580	47.794	ug/l	96
79) 2-Chlorotoluene	13.129	91	897722	46.382	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1100205	48.644	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	132342	46.540	ug/l	95
82) 4-Chlorotoluene	13.223	91	899540	47.140	ug/l	94
83) tert-Butylbenzene	13.441	119	928519	47.607	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1117674	49.167	ug/l	98
85) sec-Butylbenzene	13.617	105	1342372	48.146	ug/l	94
86) p-Isopropyltoluene	13.729	119	1120209	49.150	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	574572	46.231	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	562783	43.732	ug/l	96
89) n-Butylbenzene	14.059	91	967750	47.885	ug/l	97
90) Hexachloroethane	14.335	117	196670	45.564	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	550550	46.024	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	76195	44.469	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	310291	44.861	ug/l	98
94) Hexachlorobutadiene	15.506	225	126207	41.587	ug/l	96
95) Naphthalene	15.641	128	1075739	47.998	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	311980	44.843	ug/l	99

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

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