

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081576.D
 Acq On : 26 Mar 2024 13:16
 Operator : JC\MD
 Sample : VN0326WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

Quant Time: Mar 27 04:35:41 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 03/27/2024
 Supervised By : Mahesh Dadoda 03/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	373641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	640158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	570997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	238897	50.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	8.165	113	210925	52.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	10.571	98	751897	51.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.847	95	256933	49.929	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77980	15.500	ug/l	98
3) Chloromethane	2.365	50	82391	16.448	ug/l	98
4) Vinyl Chloride	2.518	62	91752	16.321	ug/l	99
5) Bromomethane	2.965	94	72448	18.223	ug/l	92
6) Chloroethane	3.130	64	64698	16.762	ug/l	97
7) Trichlorofluoromethane	3.501	101	147622	17.620	ug/l	99
8) Diethyl Ether	3.965	74	49474	17.843	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	84380	17.725	ug/l #	89
10) Methyl Iodide	4.589	142	74868	15.792	ug/l #	98
11) Tert butyl alcohol	5.506	59	69708	83.948	ug/l	97
12) 1,1-Dichloroethene	4.348	96	74186	16.824	ug/l	91
13) Acrolein	4.177	56	75200	100.924	ug/l	99
14) Allyl chloride	5.024	41	94697	17.138	ug/l #	84
15) Acrylonitrile	5.718	53	189328	85.227	ug/l	100
16) Acetone	4.424	43	121216	78.717	ug/l	97
17) Carbon Disulfide	4.718	76	192478	15.211	ug/l #	93
18) Methyl Acetate	5.018	43	87335	18.396	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	251503	18.225	ug/l	93
20) Methylene Chloride	5.283	84	87417	17.330	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	84599	17.207	ug/l	88
22) Diisopropyl ether	6.671	45	239098	18.623	ug/l #	87
23) Vinyl Acetate	6.606	43	889151	87.008	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	152445	17.728	ug/l	95
25) 2-Butanone	7.483	43	220828	83.607	ug/l	93
26) 2,2-Dichloropropane	7.494	77	142705	19.134	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	98002	17.617	ug/l	85
28) Bromochloromethane	7.812	49	64884	18.525	ug/l #	54
29) Tetrahydrofuran	7.836	42	147352	82.813	ug/l #	76
30) Chloroform	7.971	83	167069	18.149	ug/l	94
31) Cyclohexane	8.253	56	126503	16.315	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	150785	18.054	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	119383	17.559	ug/l	97
37) Ethyl Acetate	7.559	43	96599	16.592	ug/l	99
38) Carbon Tetrachloride	8.359	117	132980	17.855	ug/l	99
39) Methylcyclohexane	9.600	83	131278	17.290	ug/l	87
40) Benzene	8.606	78	357380	17.979	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48909	15.885	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	122022	17.444	ug/l	98
43) Isopropyl Acetate	8.688	43	160109	16.591	ug/l #	90
44) Trichloroethene	9.353	130	98186	17.563	ug/l	92
45) 1,2-Dichloropropane	9.624	63	90298	18.745	ug/l	98
46) Dibromomethane	9.712	93	64666	17.676	ug/l #	88
47) Bromodichloromethane	9.888	83	136987	19.152	ug/l #	93
48) Methyl methacrylate	9.683	41	75148	16.883	ug/l #	88
49) 1,4-Dioxane	9.694	88	35647	333.247	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	490560	83.306	ug/l	91
52) Toluene	10.630	92	233228	18.461	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	132260	17.124	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	144209	17.415	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	90446	17.789	ug/l	91
56) Ethyl methacrylate	10.877	69	121027	17.498	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	155752	18.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	344883	107.802	ug/l #	84
59) 2-Hexanone	11.194	43	366130	84.096	ug/l	90
60) Dibromochloromethane	11.359	129	99772	17.843	ug/l	99
61) 1,2-Dibromoethane	11.471	107	92788	17.900	ug/l	97
64) Tetrachloroethene	11.106	164	98856	18.112	ug/l	89
65) Chlorobenzene	11.894	112	243630	18.049	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	94267	18.843	ug/l	96
67) Ethyl Benzene	11.965	91	421339	17.969	ug/l	99
68) m/p-Xylenes	12.071	106	328416	37.362	ug/l	93
69) o-Xylene	12.400	106	157683	18.273	ug/l	94
70) Styrene	12.412	104	257231	18.482	ug/l	95
71) Bromoform	12.576	173	64958	17.279	ug/l #	94
73) Isopropylbenzene	12.694	105	411257	18.159	ug/l	99
74) N-amyl acetate	12.494	43	132726	16.194	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.935	83	115872	17.401	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	115753m	18.213	ug/l	
77) Bromobenzene	12.982	156	99651	17.812	ug/l	69
78) n-propylbenzene	13.035	91	484554	18.117	ug/l	96
79) 2-Chlorotoluene	13.124	91	286422	17.893	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	351899	18.812	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	45743	19.450	ug/l	93
82) 4-Chlorotoluene	13.223	91	287372	18.208	ug/l	91
83) tert-Butylbenzene	13.441	119	292839	18.154	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	353298	18.791	ug/l	96
85) sec-Butylbenzene	13.618	105	418885	18.165	ug/l	93
86) p-Isopropyltoluene	13.729	119	350151	18.575	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	187134	18.205	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	185868	17.463	ug/l	96
89) n-Butylbenzene	14.059	91	295619	17.686	ug/l	95
90) Hexachloroethane	14.329	117	63358	17.748	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	181602	18.355	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23234	16.395	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	94057	16.442	ug/l	97
94) Hexachlorobutadiene	15.500	225	41274	16.444	ug/l	96
95) Naphthalene	15.641	128	297934	16.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93750	16.293	ug/l	98

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

