

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082932.D
 Acq On : 16 Jul 2024 13:27
 Operator : JC\MD
 Sample : VN0716WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Quant Time: Jul 17 00:53:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	92297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	166133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	153640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73312	56.663	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.320%			
35) Dibromofluoromethane	8.171	113	56439	52.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	10.571	98	214262	54.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.840%			
62) 4-Bromofluorobenzene	12.853	95	67229	47.534	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	23465	19.637	ug/l	97
3) Chloromethane	2.359	50	22118	19.518	ug/l	95
4) Vinyl Chloride	2.506	62	27530	23.132	ug/l	100
5) Bromomethane	2.948	94	18598	21.673	ug/l	100
6) Chloroethane	3.112	64	19664	24.144	ug/l #	87
7) Trichlorofluoromethane	3.483	101	34512	20.162	ug/l	93
8) Diethyl Ether	3.959	74	11548	19.712	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	20733	21.400	ug/l	95
10) Methyl Iodide	4.589	142	15337	15.441	ug/l #	92
11) Tert butyl alcohol	5.536	59	24378	112.025	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	18322	19.446	ug/l	88
13) Acrolein	4.183	56	16701	106.301	ug/l	95
14) Allyl chloride	5.018	41	26464	18.014	ug/l #	95
15) Acrylonitrile	5.724	53	58196	116.367	ug/l	98
16) Acetone	4.436	43	51024	112.013	ug/l	95
17) Carbon Disulfide	4.712	76	49943	17.739	ug/l	98
18) Methyl Acetate	5.024	43	30612	25.397	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	64189	19.750	ug/l	97
20) Methylene Chloride	5.277	84	22408	20.369	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	19725	19.321	ug/l	83
22) Diisopropyl ether	6.677	45	65640	21.357	ug/l #	96
23) Vinyl Acetate	6.606	43	249257	102.124	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	39829	21.364	ug/l	99
25) 2-Butanone	7.488	43	78760	114.508	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	35603	20.540	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	23496	19.658	ug/l	90
28) Bromochloromethane	7.818	49	18309	22.893	ug/l #	83
29) Tetrahydrofuran	7.847	42	51759	119.532	ug/l #	85
30) Chloroform	7.971	83	43552	22.021	ug/l	95
31) Cyclohexane	8.265	56	30979	18.314	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	37795	20.583	ug/l	96
36) 1,1-Dichloropropene	8.371	75	27107	18.443	ug/l	97
37) Ethyl Acetate	7.565	43	32547	21.751	ug/l	96
38) Carbon Tetrachloride	8.365	117	32795	18.532	ug/l	98
39) Methylcyclohexane	9.606	83	24261	15.281	ug/l	90
40) Benzene	8.606	78	88689	19.617	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16913	20.980	ug/l	94
42) 1,2-Dichloroethane	8.677	62	31843	19.565	ug/l	96
43) Isopropyl Acetate	8.694	43	55506	17.759	ug/l #	95
44) Trichloroethene	9.353	130	21196	18.299	ug/l	98
45) 1,2-Dichloropropane	9.624	63	22294	21.122	ug/l	95
46) Dibromomethane	9.712	93	16696	20.304	ug/l	98
47) Bromodichloromethane	9.888	83	34847	20.510	ug/l	99
48) Methyl methacrylate	9.688	41	22688	19.337	ug/l #	85
49) 1,4-Dioxane	9.700	88	11216	433.874	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	171161	115.378	ug/l	94
52) Toluene	10.635	92	55178	19.538	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	33662	19.232	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	34924	18.850	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	21948	21.134	ug/l	95
56) Ethyl methacrylate	10.876	69	32606	20.181	ug/l	88
57) 1,3-Dichloropropane	11.165	76	36636	19.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	95545	115.244	ug/l	97
59) 2-Hexanone	11.200	43	129306	117.238	ug/l	95
60) Dibromochloromethane	11.365	129	26513	20.044	ug/l	99
61) 1,2-Dibromoethane	11.471	107	22380	20.293	ug/l	98
64) Tetrachloroethene	11.106	164	20864	18.202	ug/l	92
65) Chlorobenzene	11.894	112	61519	18.686	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	22542	19.249	ug/l	98
67) Ethyl Benzene	11.965	91	96399	17.422	ug/l	97
68) m/p-Xylenes	12.076	106	74996	35.900	ug/l	99
69) o-Xylene	12.400	106	35489	17.730	ug/l	97
70) Styrene	12.412	104	61134	18.484	ug/l	98
71) Bromoform	12.582	173	18267	19.835	ug/l #	100
73) Isopropylbenzene	12.700	105	88301	17.055	ug/l	99
74) N-amyl acetate	12.494	43	41316	19.293	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	33604	21.672	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	26905m	21.903	ug/l	
77) Bromobenzene	12.982	156	23779	17.803	ug/l	99
78) n-propylbenzene	13.041	91	106182	17.838	ug/l	99
79) 2-Chlorotoluene	13.129	91	66032	17.410	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	72975	17.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	12813	20.514	ug/l	85
82) 4-Chlorotoluene	13.223	91	67344	17.939	ug/l	99
83) tert-Butylbenzene	13.441	119	59320	15.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	72913	17.094	ug/l	97
85) sec-Butylbenzene	13.617	105	84620	16.878	ug/l	100
86) p-Isopropyltoluene	13.729	119	68972	16.489	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	42116	17.455	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	43103	17.274	ug/l	100
89) n-Butylbenzene	14.059	91	56424	15.745	ug/l	97
90) Hexachloroethane	14.335	117	15743	17.787	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	42566	18.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6919	19.288	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	18746	14.856	ug/l	99
94) Hexachlorobutadiene	15.500	225	8315	14.864	ug/l	98
95) Naphthalene	15.647	128	68212	15.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	20569	15.853	ug/l	96

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

