

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082699.D
 Acq On : 24 Jun 2024 14:08
 Operator : JC\MD
 Sample : P3034-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-05-187-208-062124MS

Quant Time: Jun 25 02:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	176706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	274286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146836	51.817	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	8.165	113	105961	53.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.564	98	400130	53.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.400%			
62) 4-Bromofluorobenzene	12.852	95	142713	55.036	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	112790	45.703	ug/l	95
3) Chloromethane	2.365	50	132016	44.623	ug/l	96
4) Vinyl Chloride	2.512	62	133851	47.541	ug/l	99
5) Bromomethane	2.936	94	77474	42.747	ug/l	100
6) Chloroethane	3.106	64	95105	47.372	ug/l	95
7) Trichlorofluoromethane	3.488	101	168655	45.916	ug/l	99
8) Diethyl Ether	3.959	74	60967	48.737	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	100056	48.632	ug/l	99
10) Methyl Iodide	4.588	142	95038	48.493	ug/l	92
11) Tert butyl alcohol	5.529	59	125213	269.983	ug/l	99
12) 1,1-Dichloroethene	4.335	96	92944	47.241	ug/l	99
13) Acrolein	4.182	56	104691	221.595	ug/l	97
14) Allyl chloride	5.018	41	199092	51.741	ug/l	90
15) Acrylonitrile	5.718	53	318141	259.875	ug/l	99
16) Acetone	4.430	43	286512	222.319	ug/l	100
17) Carbon Disulfide	4.712	76	258933	41.441	ug/l	98
18) Methyl Acetate	5.024	43	150198	47.652	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	352986	52.413	ug/l	99
20) Methylene Chloride	5.277	84	111818	49.352	ug/l	95
21) trans-1,2-Dichloroethene	5.782	96	100135	47.889	ug/l	94
22) Diisopropyl ether	6.671	45	419997	52.047	ug/l	95
23) Vinyl Acetate	6.606	43	1730415	270.412	ug/l	99
24) 1,1-Dichloroethane	6.571	63	221514	50.673	ug/l	99
25) 2-Butanone	7.488	43	468187	255.591	ug/l	98
26) 2,2-Dichloropropane	7.494	77	187199	49.364	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	124794	49.532	ug/l	99
28) Bromochloromethane	7.818	49	96625	48.435	ug/l	99
29) Tetrahydrofuran	7.841	42	319634	285.037	ug/l	99
30) Chloroform	7.965	83	219197	51.404	ug/l	99
31) Cyclohexane	8.259	56	186729	45.660	ug/l	97
32) 1,1,1-Trichloroethane	8.170	97	193666	50.084	ug/l	96
36) 1,1-Dichloropropene	8.370	75	150815	50.725	ug/l	98
37) Ethyl Acetate	7.565	43	188991	49.902	ug/l	99
38) Carbon Tetrachloride	8.365	117	168762	50.367	ug/l	96
39) Methylcyclohexane	9.600	83	155432	49.675	ug/l	98
40) Benzene	8.606	78	467191	50.854	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	103193	53.304	ug/l	97
42) 1,2-Dichloroethane	8.670	62	181332	51.891	ug/l	99
43) Isopropyl Acetate	8.688	43	337659	47.706	ug/l	99
44) Trichloroethene	9.353	130	106751	50.042	ug/l	94
45) 1,2-Dichloropropane	9.623	63	123079	52.049	ug/l	99
46) Dibromomethane	9.712	93	83609	52.160	ug/l	99
47) Bromodichloromethane	9.888	83	177741	52.010	ug/l	99
48) Methyl methacrylate	9.682	41	153760	52.698	ug/l	98
49) 1,4-Dioxane	9.700	88	55086	1206.984	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	1014574	279.473	ug/l	100
52) Toluene	10.629	92	297930	53.512	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	184797	52.896	ug/l	96
54) cis-1,3-Dichloropropene	10.317	75	183851	50.890	ug/l	97
55) 1,1,2-Trichloroethane	11.017	97	110484	54.828	ug/l	99
56) Ethyl methacrylate	10.876	69	185461	55.569	ug/l	98
57) 1,3-Dichloropropane	11.164	76	199075	53.439	ug/l	99
59) 2-Hexanone	11.200	43	771801	279.718	ug/l	100
60) Dibromochloromethane	11.358	129	134813	54.805	ug/l	99
61) 1,2-Dibromoethane	11.470	107	113105	53.235	ug/l	98
64) Tetrachloroethene	11.106	164	102708	45.415	ug/l	95
65) Chlorobenzene	11.894	112	317385	50.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	116544	51.963	ug/l	98
67) Ethyl Benzene	11.964	91	561601	52.401	ug/l	98
68) m/p-Xylenes	12.070	106	435504	109.226	ug/l	98
69) o-Xylene	12.400	106	209012	55.796	ug/l	97
70) Styrene	12.411	104	366039	57.573	ug/l	99
71) Bromoform	12.582	173	96860	54.624	ug/l #	99
73) Isopropylbenzene	12.700	105	529821	48.752	ug/l	100
74) N-amyl acetate	12.494	43	285775	49.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	170737	48.164	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	165723m	47.344	ug/l	
77) Bromobenzene	12.982	156	132469	47.356	ug/l	98
78) n-propylbenzene	13.041	91	646284	50.275	ug/l	100
79) 2-Chlorotoluene	13.129	91	390799	48.477	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	449229	50.937	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	70378	48.101	ug/l	97
82) 4-Chlorotoluene	13.223	91	398909	49.534	ug/l	100
83) tert-Butylbenzene	13.441	119	386060	51.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	463031	52.336	ug/l	99
85) sec-Butylbenzene	13.617	105	538863	50.506	ug/l	100
86) p-Isopropyltoluene	13.729	119	454239	52.869	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	248537	49.002	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	244899	46.195	ug/l	100
89) n-Butylbenzene	14.058	91	377972	49.595	ug/l	99
90) Hexachloroethane	14.335	117	93613	50.077	ug/l	96
91) 1,2-Dichlorobenzene	14.105	146	236791	47.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37822	50.414	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	118706	45.457	ug/l	98
94) Hexachlorobutadiene	15.499	225	51333	39.868	ug/l	98
95) Naphthalene	15.641	128	398200	49.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120418	45.248	ug/l	97

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

