

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081960.D
 Acq On : 01 May 2024 16:39
 Operator : JC\MD
 Sample : P2306-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429MS

Quant Time: May 02 01:43:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139386	45.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.420%		
35) Dibromofluoromethane	8.165	113	102520	45.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.100%		
50) Toluene-d8	10.571	98	421670	47.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.420%		
62) 4-Bromofluorobenzene	12.847	95	145922	41.763	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	83.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	112672	43.938	ug/l	97
3) Chloromethane	2.360	50	126742	47.376	ug/l	99
4) Vinyl Chloride	2.512	62	117625	48.573	ug/l	96
5) Bromomethane	2.948	94	50142	48.517	ug/l	99
6) Chloroethane	3.118	64	68603	56.051	ug/l	98
7) Trichlorofluoromethane	3.501	101	170861	45.611	ug/l	98
8) Diethyl Ether	3.965	74	82852	52.066	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	114479	52.637	ug/l	92
10) Methyl Iodide	4.589	142	100944	52.992	ug/l	97
11) Tert butyl alcohol	5.518	59	122087	217.823	ug/l	100
12) 1,1-Dichloroethene	4.342	96	114324	51.670	ug/l	86
13) Acrolein	4.177	56	101732	232.145	ug/l	98
14) Allyl chloride	5.018	41	201671	43.091	ug/l #	90
15) Acrylonitrile	5.718	53	343740	255.404	ug/l	98
16) Acetone	4.424	43	237119	260.305	ug/l	92
17) Carbon Disulfide	4.712	76	303044	45.569	ug/l	99
18) Methyl Acetate	5.024	43	153764	49.238	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	412368	49.392	ug/l	93
20) Methylene Chloride	5.271	84	130546	49.408	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	115869	48.030	ug/l	90
22) Diisopropyl ether	6.677	45	462125	51.028	ug/l #	91
23) Vinyl Acetate	6.600	43	1803704	245.121	ug/l	94
24) 1,1-Dichloroethane	6.571	63	245744	52.134	ug/l	96
25) 2-Butanone	7.483	43	432081	246.916	ug/l	89
26) 2,2-Dichloropropane	7.489	77	185706	42.827	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	148934	52.832	ug/l	88
28) Bromochloromethane	7.812	49	109052	48.677	ug/l #	79
29) Tetrahydrofuran	7.836	42	302858	241.344	ug/l	91
30) Chloroform	7.965	83	231832	49.618	ug/l	97
31) Cyclohexane	8.259	56	219459	47.250	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	187594	45.022	ug/l	92
36) 1,1-Dichloropropene	8.377	75	167967	45.875	ug/l	96
37) Ethyl Acetate	7.559	43	180244	45.531	ug/l	98
38) Carbon Tetrachloride	8.365	117	148105	41.388	ug/l	97
39) Methylcyclohexane	9.606	83	203913	45.857	ug/l	95
40) Benzene	8.606	78	541449	49.262	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	107639	42.613	ug/l	91
42) 1,2-Dichloroethane	8.671	62	172515	42.268	ug/l	98
43) Isopropyl Acetate	8.688	43	350049	47.027	ug/l	92
44) Trichloroethene	9.353	130	163415	64.486	ug/l	85
45) 1,2-Dichloropropane	9.618	63	138899	48.287	ug/l	100
46) Dibromomethane	9.712	93	89131	44.830	ug/l	92
47) Bromodichloromethane	9.888	83	185149	44.157	ug/l #	94
48) Methyl methacrylate	9.683	41	152921	43.035	ug/l	90
49) 1,4-Dioxane	9.694	88	49500	916.511	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	983263	234.651	ug/l	95
52) Toluene	10.635	92	328711	49.939	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	202649	44.417	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	215271	45.781	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	125269	48.391	ug/l	98
56) Ethyl methacrylate	10.877	69	227367	46.126	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	223145	48.485	ug/l	100
59) 2-Hexanone	11.194	43	734494	235.532	ug/l	96
60) Dibromochloromethane	11.365	129	129976	47.405	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118198	47.746	ug/l	99
64) Tetrachloroethene	11.106	164	97108	41.535	ug/l	93
65) Chlorobenzene	11.894	112	345068	49.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	109590	47.968	ug/l	97
67) Ethyl Benzene	11.965	91	619188	47.362	ug/l	99
68) m/p-Xylenes	12.071	106	457295	98.064	ug/l	96
69) o-Xylene	12.400	106	230593	50.650	ug/l	96
70) Styrene	12.412	104	383364	48.676	ug/l	96
71) Bromoform	12.582	173	76218	42.435	ug/l #	98
73) Isopropylbenzene	12.700	105	577229	48.046	ug/l	99
74) N-amyl acetate	12.494	43	306951	45.890	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	173738	48.155	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	160332m	45.762	ug/l	
77) Bromobenzene	12.982	156	118435	47.108	ug/l	71
78) n-propylbenzene	13.035	91	693876	47.547	ug/l	97
79) 2-Chlorotoluene	13.129	91	418658	45.091	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	468501	46.083	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	73560	43.023	ug/l	97
82) 4-Chlorotoluene	13.224	91	408922	45.364	ug/l	95
83) tert-Butylbenzene	13.441	119	394040	46.542	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	460773	45.384	ug/l	98
85) sec-Butylbenzene	13.618	105	579493	48.592	ug/l	97
86) p-Isopropyltoluene	13.729	119	441807	46.139	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	220916	47.093	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	228250	49.410	ug/l	97
89) n-Butylbenzene	14.059	91	420133	47.137	ug/l	97
90) Hexachloroethane	14.335	117	87453	46.427	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	224199	49.855	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33335	37.951	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	110828	44.051	ug/l	97
94) Hexachlorobutadiene	15.500	225	39232	42.307	ug/l	99
95) Naphthalene	15.641	128	443553	46.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	115586	47.851	ug/l	99

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

