

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082141.D
 Acq On : 15 May 2024 19:14
 Operator : JC\MD
 Sample : P2403-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 16 06:09:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

Supervised By :Mahesh
 Dadoda
 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150123	51.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.420%			
35) Dibromofluoromethane	8.165	113	98953	49.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	10.571	98	370528	48.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.220%			
62) 4-Bromofluorobenzene	12.847	95	121355	44.603	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	1996	0.753	ug/l	86
3) Chloromethane	2.365	50	2684	0.893	ug/l #	87
4) Vinyl Chloride	2.518	62	2047	0.725	ug/l #	81
5) Bromomethane	2.977	94	2054	1.265	ug/l #	72
6) Chloroethane	3.136	64	1718	0.932	ug/l	92
7) Trichlorofluoromethane	3.489	101	2442	0.660	ug/l #	64
8) Diethyl Ether	3.971	74	867m	0.658	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	1321m	0.611	ug/l	
10) Methyl Iodide	4.589	142	1077	0.496	ug/l #	40
11) Tert butyl alcohol	5.524	59	1702	3.652	ug/l #	71
12) 1,1-Dichloroethene	4.342	96	1343	0.669	ug/l #	71
13) Acrolein	4.177	56	990	2.866	ug/l	85
14) Allyl chloride	5.018	41	3095	0.720	ug/l #	83
15) Acrylonitrile	5.718	53	3919	3.247	ug/l #	74
16) Acetone	4.436	43	4336	3.641	ug/l	91
17) Carbon Disulfide	4.718	76	4962	0.765	ug/l #	83
18) Methyl Acetate	5.030	43	2359	0.795	ug/l #	58
19) Methyl tert-butyl Ether	5.800	73	5349	0.729	ug/l	94
20) Methylene Chloride	5.271	84	2363	0.983	ug/l #	91
21) trans-1,2-Dichloroethene	5.789	96	1403	0.641	ug/l #	79
22) Diisopropyl ether	6.671	45	5617	0.626	ug/l #	87
23) Vinyl Acetate	6.606	43	21696	3.065	ug/l #	85
24) 1,1-Dichloroethane	6.559	63	3104	0.671	ug/l #	81
25) 2-Butanone	7.494	43	6151	3.406	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	2677	0.691	ug/l #	70
27) cis-1,2-Dichloroethene	7.494	96	1824	0.706	ug/l	80
28) Bromochloromethane	7.818	49	1591	0.738	ug/l #	72
29) Tetrahydrofuran	7.853	42	3980	3.433	ug/l #	78
30) Chloroform	7.965	83	3101	0.702	ug/l	98
31) Cyclohexane	8.224	56	8436	1.819	ug/l #	51
32) 1,1,1-Trichloroethane	8.159	97	2563	0.654	ug/l #	50
36) 1,1-Dichloropropene	8.365	75	2222	0.666	ug/l	91
37) Ethyl Acetate	7.571	43	2579m	0.691	ug/l	
38) Carbon Tetrachloride	8.371	117	2146	0.635	ug/l #	86
39) Methylcyclohexane	9.600	83	2343	0.641	ug/l	93
40) Benzene	8.606	78	6894	0.693	ug/l	97

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 Supervised By :Mahesh Dadoda 05/16/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	1481	0.675	ug/l	#	79
42) 1,2-Dichloroethane	8.671	62	3095	0.809	ug/l	#	73
43) Isopropyl Acetate	8.688	43	4329	0.655	ug/l	#	89
44) Trichloroethene	9.353	130	1519	0.672	ug/l		100
45) 1,2-Dichloropropane	9.624	63	1668	0.650	ug/l	#	80
46) Dibromomethane	9.706	93	1044	0.620	ug/l		91
47) Bromodichloromethane	9.894	83	2201	0.619	ug/l	#	86
48) Methyl methacrylate	9.682	41	1973	0.626	ug/l	#	75
49) 1,4-Dioxane	9.700	88	594	13.453	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.441	43	11993	3.192	ug/l		89
52) Toluene	10.629	92	4032	0.676	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	2127	0.578	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	2449	0.629	ug/l	#	85
55) 1,1,2-Trichloroethane	11.018	97	1378	0.635	ug/l	#	89
56) Ethyl methacrylate	10.871	69	2315	0.629	ug/l	#	64
57) 1,3-Dichloropropane	11.165	76	2749	0.678	ug/l		89
58) 2-Chloroethyl Vinyl ether	10.165	63	5694	2.998	ug/l		97
59) 2-Hexanone	11.200	43	8009	2.911	ug/l		91
60) Dibromochloromethane	11.359	129	1462	0.611	ug/l		96
61) 1,2-Dibromoethane	11.476	107	1307	0.587	ug/l		89
64) Tetrachloroethene	11.106	164	1242	0.592	ug/l	#	81
65) Chlorobenzene	11.894	112	4215	0.674	ug/l		89
66) 1,1,1,2-Tetrachloroethane	11.971	131	1258	0.611	ug/l	#	59
67) Ethyl Benzene	11.965	91	7083	0.634	ug/l		90
68) m/p-Xylenes	12.076	106	5012	1.223	ug/l		99
69) o-Xylene	12.400	106	2285	0.576	ug/l		85
70) Styrene	12.412	104	3748	0.568	ug/l		98
71) Bromoform	12.582	173	953	0.645	ug/l	#	60
73) Isopropylbenzene	12.700	105	5739	0.632	ug/l		92
74) N-amyl acetate	12.500	43	2990	0.598	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	1894	0.723	ug/l		86
76) 1,2,3-Trichloropropane	12.994	75	1632m	0.678	ug/l		
77) Bromobenzene	12.982	156	1567	0.724	ug/l		81
78) n-propylbenzene	13.035	91	6604	0.614	ug/l		92
79) 2-Chlorotoluene	13.129	91	4559	0.675	ug/l		90
80) 1,3,5-Trimethylbenzene	13.176	105	4862	0.662	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.735	75	537m	0.522	ug/l		
82) 4-Chlorotoluene	13.223	91	4403	0.667	ug/l		91
83) tert-Butylbenzene	13.435	119	4244	0.660	ug/l		94
84) 1,2,4-Trimethylbenzene	13.488	105	4727	0.629	ug/l		100
85) sec-Butylbenzene	13.617	105	5224	0.586	ug/l		99
86) p-Isopropyltoluene	13.729	119	4356	0.602	ug/l		93
87) 1,3-Dichlorobenzene	13.735	146	2547	0.649	ug/l		93
88) 1,4-Dichlorobenzene	13.812	146	3113m	0.777	ug/l		
89) n-Butylbenzene	14.053	91	3955	0.608	ug/l		97
90) Hexachloroethane	14.329	117	853	0.636	ug/l		88
91) 1,2-Dichlorobenzene	14.106	146	2226	0.599	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	258	0.479	ug/l		72
93) 1,2,4-Trichlorobenzene	15.400	180	1173	0.564	ug/l		94
94) Hexachlorobutadiene	15.506	225	659	0.722	ug/l		87
95) Naphthalene	15.641	128	3358	0.515	ug/l	#	88
96) 1,2,3-Trichlorobenzene	15.841	180	1132	0.543	ug/l	#	90

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Compound	R.T.	QI	on	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

