

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082332.D
 Acq On : 23 May 2024 19:33
 Operator : JC\MD
 Sample : P2562-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-3DDMS

Quant Time: May 24 04:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

05/24/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	212507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	331935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157139	46.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.660%
35) Dibromofluoromethane	8.171	113	109362	48.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	10.570	98	404586	46.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.853	95	153695	49.619	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140204	45.761	ug/l	99
3) Chloromethane	2.359	50	135224	38.944	ug/l	97
4) Vinyl Chloride	2.512	62	142066	43.522	ug/l	98
5) Bromomethane	2.947	94	64155	34.193	ug/l	100
6) Chloroethane	3.118	64	101105	47.435	ug/l	99
7) Trichlorofluoromethane	3.494	101	219148	51.269	ug/l	97
8) Diethyl Ether	3.959	74	82089	53.909	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	118110	47.301	ug/l	97
10) Methyl Iodide	4.589	142	105592	42.066	ug/l	93
11) Tert butyl alcohol	5.524	59	152206	282.575	ug/l	98
12) 1,1-Dichloroethene	4.341	96	115102	49.595	ug/l	83
13) Acrolein	4.177	56	107040	268.169	ug/l	97
14) Allyl chloride	5.024	41	216457	43.563	ug/l #	91
15) Acrylonitrile	5.718	53	353813	253.628	ug/l	98
16) Acetone	4.430	43	333719	242.440	ug/l	90
17) Carbon Disulfide	4.712	76	305838	40.801	ug/l	98
18) Methyl Acetate	5.024	43	160941	46.949	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	456157	53.772	ug/l	96
20) Methylene Chloride	5.277	84	131234	47.253	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	118386	46.809	ug/l #	82
22) Diisopropyl ether	6.671	45	501068	48.292	ug/l #	92
23) Vinyl Acetate	6.606	43	1926007	235.439	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	255649	47.803	ug/l	97
25) 2-Butanone	7.482	43	529504	253.716	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	184594	41.209	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	149160	49.974	ug/l	85
28) Bromochloromethane	7.818	49	104385	44.689	ug/l #	80
29) Tetrahydrofuran	7.841	42	349924	261.144	ug/l #	85
30) Chloroform	7.971	83	258616	50.639	ug/l	97
31) Cyclohexane	8.259	56	222939	41.598	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	236465	52.191	ug/l	94
36) 1,1-Dichloropropene	8.377	75	178423	46.998	ug/l	97
37) Ethyl Acetate	7.565	43	207664	48.878	ug/l	96
38) Carbon Tetrachloride	8.365	117	197972	51.442	ug/l	98
39) Methylcyclohexane	9.600	83	184590	44.358	ug/l	91
40) Benzene	8.606	78	543618	48.019	ug/l	99

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41) Methacrylonitrile	7.782	41	120716	48.312	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	215242	49.435	ug/l		95
43) Isopropyl Acetate	8.694	43	392936	52.195	ug/l	#	88
44) Trichloroethene	9.353	130	127394	49.539	ug/l		95
45) 1,2-Dichloropropane	9.623	63	139166	47.644	ug/l		100
46) Dibromomethane	9.712	93	98408	51.316	ug/l		98
47) Bromodichloromethane	9.888	83	208686	51.548	ug/l		98
48) Methyl methacrylate	9.682	41	184423	51.411	ug/l	#	82
49) 1,4-Dioxane	9.694	88	57850	1150.856	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	1142478	267.101	ug/l		91
52) Toluene	10.635	92	343070	50.498	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	218395	52.161	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	220509	49.754	ug/l	#	81
55) 1,1,2-Trichloroethane	11.018	97	129507	52.456	ug/l		97
56) Ethyl methacrylate	10.876	69	238501	56.899	ug/l	#	73
57) 1,3-Dichloropropane	11.165	76	231756	50.205	ug/l		100
59) 2-Hexanone	11.200	43	854723	272.910	ug/l		91
60) Dibromochloromethane	11.359	129	153717	56.419	ug/l		99
61) 1,2-Dibromoethane	11.470	107	135142	53.292	ug/l		98
64) Tetrachloroethene	11.106	164	112783	45.841	ug/l		95
65) Chlorobenzene	11.894	112	369422	50.379	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	131545	54.461	ug/l		99
67) Ethyl Benzene	11.965	91	675395	51.488	ug/l		97
68) m/p-Xylenes	12.070	106	497006	103.378	ug/l		93
69) o-Xylene	12.400	106	247300	53.102	ug/l		91
70) Styrene	12.412	104	424704	54.904	ug/l		96
71) Bromoform	12.582	173	107717	55.986	ug/l	#	98
73) Isopropylbenzene	12.700	105	629854	51.264	ug/l		98
74) N-amyl acetate	12.494	43	332831	49.248	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	186959	52.787	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	181675m	55.812	ug/l		
77) Bromobenzene	12.982	156	150334	51.343	ug/l		90
78) n-propylbenzene	13.041	91	726226	49.915	ug/l		97
79) 2-Chlorotoluene	13.129	91	453200	49.606	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	509676	51.302	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	63783	45.831	ug/l	#	69
82) 4-Chlorotoluene	13.223	91	445917	49.921	ug/l		95
83) tert-Butylbenzene	13.441	119	440285	50.657	ug/l		94
84) 1,2,4-Trimethylbenzene	13.482	105	520565	51.216	ug/l		97
85) sec-Butylbenzene	13.617	105	594018	49.308	ug/l		98
86) p-Isopropyltoluene	13.729	119	498114	50.876	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	262376	49.461	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	264739	48.898	ug/l		98
89) n-Butylbenzene	14.059	91	426815	48.502	ug/l		98
90) Hexachloroethane	14.335	117	90746	50.026	ug/l		94
91) 1,2-Dichlorobenzene	14.106	146	260114	51.802	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43294	59.496	ug/l		92
93) 1,2,4-Trichlorobenzene	15.394	180	138602	49.244	ug/l		99
94) Hexachlorobutadiene	15.505	225	54258	43.932	ug/l		96
95) Naphthalene	15.641	128	522886	59.280	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	140670	49.924	ug/l		96

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

