

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082333.D
 Acq On : 23 May 2024 19:57
 Operator : JC\MD
 Sample : P2562-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-3DDMSD

Quant Time: May 24 04:24:51 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 05/24/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160294	46.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.540%		
35) Dibromofluoromethane	8.171	113	114520	49.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	10.571	98	417931	46.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.853	95	160731	50.360	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	138261	43.706	ug/l	99
3) Chloromethane	2.359	50	134620	37.550	ug/l	99
4) Vinyl Chloride	2.512	62	142269	42.212	ug/l	98
5) Bromomethane	2.948	94	70988	36.643	ug/l	99
6) Chloroethane	3.112	64	101858	46.284	ug/l	98
7) Trichlorofluoromethane	3.495	101	215202	48.761	ug/l	97
8) Diethyl Ether	3.959	74	82136	52.241	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	117788	45.687	ug/l	99
10) Methyl Iodide	4.589	142	116530	44.961	ug/l	92
11) Tert butyl alcohol	5.524	59	149645	269.074	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	114490	47.778	ug/l #	81
13) Acrolein	4.177	56	108649	263.630	ug/l	99
14) Allyl chloride	5.024	41	213010	41.519	ug/l #	89
15) Acrylonitrile	5.718	53	355731	246.974	ug/l	100
16) Acetone	4.430	43	332709	234.096	ug/l	91
17) Carbon Disulfide	4.712	76	303579	39.225	ug/l	100
18) Methyl Acetate	5.024	43	157175	44.407	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	450740	51.461	ug/l	96
20) Methylene Chloride	5.271	84	133006	46.384	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	118616	45.423	ug/l #	81
22) Diisopropyl ether	6.677	45	495550	46.257	ug/l #	93
23) Vinyl Acetate	6.606	43	1903292	225.337	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	254682	46.123	ug/l	97
25) 2-Butanone	7.483	43	522823	242.628	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	181989	39.349	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	147623	47.902	ug/l	85
28) Bromochloromethane	7.818	49	106467	44.122	ug/l #	81
29) Tetrahydrofuran	7.841	42	342428	247.504	ug/l #	86
30) Chloroform	7.965	83	256013	48.551	ug/l	97
31) Cyclohexane	8.259	56	219210	39.615	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	233501	49.914	ug/l	93
36) 1,1-Dichloropropene	8.371	75	178618	45.662	ug/l	96
37) Ethyl Acetate	7.565	43	205411	46.922	ug/l	94
38) Carbon Tetrachloride	8.365	117	194294	48.998	ug/l	98
39) Methylcyclohexane	9.606	83	182227	42.499	ug/l #	86
40) Benzene	8.606	78	543355	46.581	ug/l	98

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41) Methacrylonitrile	7.783	41	118750	46.124	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	216585	48.277	ug/l	95
43) Isopropyl Acetate	8.688	43	390306	50.317	ug/l #	88
44) Trichloroethene	9.353	130	125370	47.314	ug/l	92
45) 1,2-Dichloropropane	9.624	63	137826	45.794	ug/l	97
46) Dibromomethane	9.712	93	97129	49.156	ug/l	98
47) Bromodichloromethane	9.888	83	207675	49.786	ug/l	96
48) Methyl methacrylate	9.683	41	183372	49.611	ug/l #	83
49) 1,4-Dioxane	9.694	88	58221	1124.087	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1127076	255.731	ug/l	91
52) Toluene	10.630	92	344312	49.186	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	214460	49.711	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	219792	48.130	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	128491	50.510	ug/l	97
56) Ethyl methacrylate	10.877	69	236866	54.843	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	228557	48.053	ug/l	99
59) 2-Hexanone	11.200	43	850354	263.509	ug/l	90
60) Dibromochloromethane	11.359	129	154026	54.865	ug/l	99
61) 1,2-Dibromoethane	11.471	107	131720	50.411	ug/l	98
64) Tetrachloroethene	11.106	164	113670	44.301	ug/l	98
65) Chlorobenzene	11.894	112	369392	48.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	130625	51.855	ug/l	99
67) Ethyl Benzene	11.965	91	675992	49.413	ug/l	96
68) m/p-Xylenes	12.071	106	498594	99.442	ug/l	93
69) o-Xylene	12.400	106	246311	50.714	ug/l	91
70) Styrene	12.412	104	421678	52.270	ug/l	96
71) Bromoform	12.582	173	104543	52.150	ug/l #	99
73) Isopropylbenzene	12.700	105	631336	49.890	ug/l	98
74) N-amyl acetate	12.494	43	332432	47.758	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	184126	50.475	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	177894m	53.061	ug/l	
77) Bromobenzene	12.982	156	150529	49.914	ug/l	90
78) n-propylbenzene	13.035	91	726622	48.489	ug/l	96
79) 2-Chlorotoluene	13.129	91	453984	48.246	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	510917	49.931	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	64174m	44.771	ug/l	
82) 4-Chlorotoluene	13.223	91	452863	49.223	ug/l	95
83) tert-Butylbenzene	13.441	119	442298	49.408	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	522749	49.935	ug/l	98
85) sec-Butylbenzene	13.618	105	602281	48.540	ug/l	98
86) p-Isopropyltoluene	13.729	119	493734	48.962	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	267916	49.036	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	266356	47.765	ug/l	98
89) n-Butylbenzene	14.059	91	430723	47.522	ug/l	98
90) Hexachloroethane	14.335	117	91078	48.748	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	257397	49.770	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41925	55.938	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	140451	48.449	ug/l	99
94) Hexachlorobutadiene	15.506	225	56643	44.529	ug/l	98
95) Naphthalene	15.641	128	522102	57.470	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	142351	49.051	ug/l	97

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

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