Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
Data File : VN083221.D
Acq On : 10 Aug 2024 20:36
Operator : JC\MD
Sample : P3478-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 12 01:58:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
TS04MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/12/2024
Supervised By :Mahesh Dadoda 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	173714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149046	60.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.560%			
35) Dibromofluoromethane	8.165	113	106204	55.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.660%			
50) Toluene-d8	10.565	98	393978	55.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.040%			
62) 4-Bromofluorobenzene	12.847	95	153413	55.457	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	83129	42.199	ug/l	97
3) Chloromethane	2.359	50	92949	46.087	ug/l	98
4) Vinyl Chloride	2.512	62	96085	46.690	ug/l	99
5) Bromomethane	2.942	94	57412	44.960	ug/l	95
6) Chloroethane	3.112	64	60981	47.363	ug/l	97
7) Trichlorofluoromethane	3.489	101	158506	46.624	ug/l	99
8) Diethyl Ether	3.959	74	61155	48.342	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.359	101	79323	42.320	ug/l	98
10) Methyl Iodide	4.583	142	115391	46.801	ug/l	93
11) Tert butyl alcohol	5.530	59	115351	224.481	ug/l	99
12) 1,1-Dichloroethene	4.342	96	85763	44.537	ug/l	89
13) Acrolein	4.177	56	74043	221.088	ug/l	96
14) Allyl chloride	5.024	41	144789	39.788	ug/l	95
15) Acrylonitrile	5.718	53	270021	255.503	ug/l	98
16) Acetone	4.430	43	258402	267.074	ug/l	97
17) Carbon Disulfide	4.706	76	223102	39.596	ug/l	98
18) Methyl Acetate	5.024	43	253799	88.043	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	342213	49.235	ug/l	97
20) Methylene Chloride	5.277	84	119205	53.534	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	89679	45.059	ug/l	94
22) Diisopropyl ether	6.677	45	325821	47.633	ug/l	96
23) Vinyl Acetate	6.600	43	869556	124.024	ug/l	95
24) 1,1-Dichloroethane	6.571	63	182837	49.038	ug/l	99
25) 2-Butanone	7.483	43	377209	253.908	ug/l	92
26) 2,2-Dichloropropane	7.494	77	118137	34.119	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	111580	46.460	ug/l	92
28) Bromochloromethane	7.818	49	72536	47.605	ug/l	90
29) Tetrahydrofuran	7.841	42	244831	254.939	ug/l	89
30) Chloroform	7.965	83	194057	50.098	ug/l	99
31) Cyclohexane	8.259	56	143720	39.222	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	176975	48.268	ug/l	96
36) 1,1-Dichloropropene	8.371	75	129808	45.111	ug/l	99
37) Ethyl Acetate	7.559	43	145722	45.229	ug/l	95
38) Carbon Tetrachloride	8.365	117	149758	46.207	ug/l	97
39) Methylcyclohexane	9.600	83	133207	37.689	ug/l	94
40) Benzene	8.606	78	404960	47.241	ug/l	98

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41) Methacrylonitrile	7.777	41	84367	46.054	ug/l		96
42) 1,2-Dichloroethane	8.671	62	157196	50.340	ug/l		99
43) Isopropyl Acetate	8.688	43	265326	47.306	ug/l	#	94
44) Trichloroethene	9.353	130	94660	46.393	ug/l		89
45) 1,2-Dichloropropane	9.624	63	97664	47.997	ug/l		97
46) Dibromomethane	9.712	93	72292	49.635	ug/l		100
47) Bromodichloromethane	9.888	83	157792	48.251	ug/l		99
48) Methyl methacrylate	9.682	41	132846	49.874	ug/l		93
49) 1,4-Dioxane	9.694	88	45056	937.588	ug/l		97
51) 4-Methyl-2-Pentanone	10.447	43	790058	259.315	ug/l		94
52) Toluene	10.629	92	255006	47.082	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	155628	46.328	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	162330	45.432	ug/l		94
55) 1,1,2-Trichloroethane	11.018	97	96736	49.838	ug/l		98
56) Ethyl methacrylate	10.876	69	171801	46.951	ug/l		89
57) 1,3-Dichloropropane	11.165	76	170214	49.199	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	365166	236.088	ug/l		97
59) 2-Hexanone	11.194	43	608804	258.290	ug/l		94
60) Dibromochloromethane	11.359	129	115886	49.381	ug/l		100
61) 1,2-Dibromoethane	11.471	107	99882	48.985	ug/l		96
64) Tetrachloroethene	11.106	164	104951	60.189	ug/l		96
65) Chlorobenzene	11.894	112	274916	47.250	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98901	48.197	ug/l		98
67) Ethyl Benzene	11.965	91	492755	46.166	ug/l		98
68) m/p-Xylenes	12.071	106	367836	92.000	ug/l		97
69) o-Xylene	12.400	106	184383	46.758	ug/l		100
70) Styrene	12.412	104	316146	47.734	ug/l		97
71) Bromoform	12.576	173	77388	49.782	ug/l	#	99
73) Isopropylbenzene	12.694	105	466028	45.137	ug/l		99
74) N-amyl acetate	12.494	43	188112	37.248	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.935	83	143456	49.126	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	132816m	49.025	ug/l		
77) Bromobenzene	12.982	156	109159	47.594	ug/l		94
78) n-propylbenzene	13.035	91	545820	45.911	ug/l		100
79) 2-Chlorotoluene	13.123	91	352142	46.720	ug/l		97
80) 1,3,5-Trimethylbenzene	13.170	105	403670	46.700	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	48334	38.808	ug/l		99
82) 4-Chlorotoluene	13.223	91	350876	46.409	ug/l		96
83) tert-Butylbenzene	13.441	119	343820	44.915	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	407808	46.815	ug/l		100
85) sec-Butylbenzene	13.617	105	470568	45.051	ug/l		100
86) p-Isopropyltoluene	13.729	119	394816	45.779	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	198851	46.077	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	201136	46.230	ug/l		98
89) n-Butylbenzene	14.059	91	337841	45.209	ug/l		99
90) Hexachloroethane	14.335	117	72769	43.673	ug/l		96
91) 1,2-Dichlorobenzene	14.106	146	197540	47.302	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35025	49.428	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	106032	45.320	ug/l		99
94) Hexachlorobutadiene	15.500	225	40702	39.117	ug/l		97
95) Naphthalene	15.641	128	396657	47.862	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	106474	45.992	ug/l		97

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

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