Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
Data File : BM024620.D
Acq On : 24 Jan 2020 14:19
Operator : CG/JU
Sample : K5111-09
Misc : 8 PPM MDL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Manual Integrations APPROVED
mohammad
1/28/2020 8:13:11 AM

Quant Time: Jan 24 17:04:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	216510	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	877713	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	630874	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1486630	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1598408	20.00	ng		0.00
87) Perylene-d12	23.16	264	1737578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1504384	132.14	ng		0.00
7) Phenol-d6	6.64	99	1977406	126.08	ng		0.00
23) Nitrobenzene-d5	8.58	82	1363215	76.17	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1351586	131.71	ng		0.00
45) 2-Fluorobiphenyl	12.71	172	3476133	74.91	ng		0.00
79) Terphenyl-d14	19.50	244	7141125	83.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	38432	8.534	ng		98
3) Pyridine	3.46	79	114163	8.745	ng		97
4) n-Nitrosodimethylamine	3.38	42	46400	8.007	ng	#	93
6) Aniline	6.78	93	152453	7.985	ng		98
8) 2-Chlorophenol	7.02	128	102468	7.906	ng		98
9) Benzaldehyde	6.59	77	77103	8.320	ng		94
10) Phenol	6.66	94	123026	7.869	ng		93
11) bis(2-Chloroethyl)ether	6.88	93	100669	8.044	ng		98
12) 1,3-Dichlorobenzene	7.33	146	130583	8.202	ng		99
13) 1,4-Dichlorobenzene	7.47	146	132384	8.196	ng		98
14) 1,2-Dichlorobenzene	7.79	146	127272	8.163	ng		99
15) Benzyl Alcohol	7.68	79	102098	7.896	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.98	45	92611	8.083	ng		99
17) 2-Methylphenol	7.89	107	81939	7.438	ng		95
18) Hexachloroethane	8.50	117	50013	8.018	ng		99
19) n-Nitroso-di-n-propylamine	8.25	70	93589	7.948	ng		95
20) 3+4-Methylphenols	8.22	107	117342	7.695	ng		98
22) Acetophenone	8.25	105	180111	7.958	ng		99
24) Nitrobenzene	8.62	77	143582	8.372	ng		96
25) Isophorone	9.15	82	239153	7.864	ng		100
26) 2-Nitrophenol	9.33	139	54413	6.852	ng		94
27) 2,4-Dimethylphenol	9.40	122	80997	7.505	ng		95
28) bis(2-Chloroethoxy)methane	9.64	93	145426	7.828	ng		98
29) 2,4-Dichlorophenol	9.86	162	106879	7.330	ng		98
30) 1,2,4-Trichlorobenzene	10.07	180	140742	8.004	ng		98
31) Naphthalene	10.25	128	350116	7.898	ng		99
32) Benzoic acid	9.50	122	61284m	6.208	ng		
33) 4-Chloroaniline	10.36	127	149080	7.672	ng		96
34) Hexachlorobutadiene	10.56	225	95951	7.893	ng		97
35) Caprolactam	11.12	113	31529	6.740	ng		94
36) 4-Chloro-3-methylphenol	11.50	107	114155	7.363	ng		99
37) 2-Methylnaphthalene	11.87	142	265886	7.772	ng		97
38) 1-Methylnaphthalene	12.10	142	254137	7.809	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	172292	7.652	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	91842	7.277 ng	98
43) 2,4,6-Trichlorophenol	12.50	196	102471	7.152 ng	99
44) 2,4,5-Trichlorophenol	12.57	196	105877	7.236 ng	98
46) 1,1'-Biphenyl	12.92	154	375798	7.871 ng	99
47) 2-Chloronaphthalene	12.95	162	299161	7.762 ng	99
48) 2-Nitroaniline	13.16	65	82844	7.047 ng	98
49) Acenaphthylene	13.80	152	441222	7.647 ng	99
50) Dimethylphthalate	13.56	163	395444	7.752 ng	99
51) 2,6-Dinitrotoluene	13.67	165	80875	7.457 ng	97
52) Acenaphthene	14.16	154	277192	7.742 ng	100
53) 3-Nitroaniline	13.99	138	75967	6.753 ng	94
54) 2,4-Dinitrophenol	14.20	184	33648	5.188 ng	92
55) Dibenzofuran	14.49	168	453598	7.768 ng	98
56) 4-Nitrophenol	14.32	139	58711	6.677 ng	90
57) 2,4-Dinitrotoluene	14.46	165	108415	6.975 ng	95
58) Fluorene	15.14	166	370778	7.556 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	109322	7.367 ng	99
60) Diethylphthalate	14.94	149	391181	7.553 ng	98
61) 4-Chlorophenyl-phenylether	15.15	204	215969	7.634 ng	97
62) 4-Nitroaniline	15.16	138	86841	6.994 ng	90
63) Azobenzene	15.44	77	343853	7.784 ng	96
65) 4,6-Dinitro-2-methylphenol	15.23	198	52084	5.959 ng	98
66) n-Nitrosodiphenylamine	15.37	169	319695	7.486 ng	99
67) 4-Bromophenyl-phenylether	16.04	248	139555	7.549 ng	97
68) Hexachlorobenzene	16.16	284	164758	7.766 ng	98
69) Atrazine	16.33	200	119164	7.270 ng	98
70) Pentachlorophenol	16.50	266	87659	6.783 ng	97
71) Phenanthrene	16.88	178	621957	7.726 ng	99
72) Anthracene	16.97	178	594924	7.553 ng	99
73) Carbazole	17.24	167	539455	7.523 ng	99
74) Di-n-butylphthalate	17.84	149	655432	7.150 ng	98
75) Fluoranthene	18.91	202	759475	7.559 ng	98
77) Benzidine	19.10	184	247293	6.643 ng	98
78) Pyrene	19.27	202	800119	7.593 ng	99
80) Butylbenzylphthalate	20.21	149	291235	6.587 ng	96
81) Benzo(a)anthracene	21.03	228	862278	7.773 ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	273454	6.852 ng	100
83) Chrysene	21.09	228	820677	7.753 ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	440413	6.751 ng	99
85) Di-n-octyl phthalate	21.86	149	707529	6.564 ng	99
86) Indeno(1,2,3-cd)pyrene	25.22	276	834083	7.229 ng	98
88) Benzo(b)fluoranthene	22.54	252	808490	7.174 ng	100
89) Benzo(k)fluoranthene	22.58	252	841818	7.653 ng	99
90) Benzo(a)pyrene	23.07	252	742182	7.244 ng	100
91) Dibenzo(a,h)anthracene	25.23	278	703520	7.234 ng	99
92) Benzo(g,h,i)perylene	25.84	276	633232	7.171 ng	99

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

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