Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120787.D
Acq On : 7 Jul 2020 15:08
Operator : JU/CG
Sample : L3215-12MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14MS

Quant Time: Jul 07 16:30:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158970	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	317077	20.00	ng		0.01
39) Acenaphthene-d10	9.89	164	318548	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	574147	20.00	ng		0.00
76) Chrysene-d12	14.02	240	426186	20.00	ng		0.00
86) Perylene-d12	15.47	264	360178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	561038	54.48	ng		0.00
7) Phenol-d6	6.47	99	407008	30.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	799180	146.03	ng		0.01
42) 2,4,6-Tribromophenol	10.68	330	460381	143.86	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1733599	82.34	ng		0.00
79) Terphenyl-d14	12.96	244	2086568	95.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	86845	18.461	ng		99
3) Pyridine	3.35	79	251838	19.544	ng		99
4) n-Nitrosodimethylamine	3.29	42	128476	19.931	ng	#	95
6) Aniline	6.52	93	530073	31.384	ng		100
8) 2-Chlorophenol	6.63	128	393352	35.876	ng		98
9) Benzaldehyde	6.40	77	314708	40.235	ng	#	1
10) Phenol	6.49	94	159744	11.808	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	511429	46.456	ng		99
12) 1,3-Dichlorobenzene	6.79	146	480615	39.824	ng		98
13) 1,4-Dichlorobenzene	6.87	146	493821	40.854	ng		98
14) 1,2-Dichlorobenzene	7.03	146	378586	32.920	ng		99
15) Benzyl Alcohol	6.99	79	305247	30.892	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	733791	42.733	ng		84
17) 2-Methylphenol	7.10	107	248668	25.352	ng	#	80
18) Hexachloroethane	7.37	117	241674	53.195	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	381099	48.127	ng		98
20) 3+4-Methylphenols	7.26	107	275177	22.778	ng	#	71
22) Acetophenone	7.26	105	1019695	129.381	ng	#	94
24) Nitrobenzene	7.44	77	579813	94.359	ng	#	98
25) Isophorone	7.70	82	1057887m	89.633	ng		
26) 2-Nitrophenol	7.76	139	238082	88.512	ng		99
27) 2,4-Dimethylphenol	7.80	122	369068	78.335	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	110777m	15.859	ng		
29) 2,4-Dichlorophenol	8.01	162	364881	77.578	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	441885	83.646	ng		99
31) Naphthalene	8.21	128	11430264	674.535	ng	#	91
32) Benzoic acid	7.87	122	64688	21.933	ng	#	1
33) 4-Chloroaniline	8.21	127	1820561	253.185	ng	#	49
34) Hexachlorobutadiene	8.28	225	243251	76.561	ng		98
35) Caprolactam	8.60	113	45128m	32.928	ng		
36) 4-Chloro-3-methylphenol	8.68	107	366113	74.830	ng	#	88
37) 2-Methylnaphthalene	8.86	142	3047832	276.683	ng		96
38) 1-Methylnaphthalene	8.97	142	3746704m	363.112	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	412014	42.796	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	449280	78.985 ng		100
43) 2,4,6-Trichlorophenol	9.12	196	304076	46.352 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	311145	42.738 ng		97
46) 1,1'-Biphenyl	9.32	154	1697224	66.053 ng		98
47) 2-Chloronaphthalene	9.34	162	915773	44.487 ng		99
48) 2-Nitroaniline	9.43	65	303561	49.181 ng		99
49) Acenaphthylene	9.76	152	1434548	44.450 ng		97
50) Dimethylphthalate	9.62	163	1222667	52.616 ng		99
51) 2,6-Dinitrotoluene	9.68	165	227767	49.257 ng		84
52) Acenaphthene	9.93	154	1994042	99.595 ng		98
53) 3-Nitroaniline	9.85	138	168316	30.540 ng		94
54) 2,4-Dinitrophenol	9.95	184	167980	90.971 ng	#	83
55) Dibenzofuran	10.10	168	1311902	45.457 ng		98
56) 4-Nitrophenol	9.99	139	111386	27.545 ng		88
57) 2,4-Dinitrotoluene	10.07	165	322651	55.570 ng	#	95
58) Fluorene	10.45	166	1362312	63.418 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	261951m	48.351 ng		
60) Diethylphthalate	10.32	149	1088154	44.953 ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	431131	39.924 ng		99
62) 4-Nitroaniline	10.46	138	234571	47.511 ng		92
63) Azobenzene	10.59	77	1089780	44.010 ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	132509	53.878 ng		94
66) n-Nitrosodiphenylamine	10.55	169	905046	47.030 ng		91
67) 4-Bromophenyl-phenylether	10.92	248	299249	44.931 ng		98
68) Hexachlorobenzene	10.99	284	328792	47.046 ng		92
69) Atrazine	11.08	200	216506	43.671 ng		97
70) Pentachlorophenol	11.18	266	390214	98.686 ng		99
71) Phenanthrene	11.40	178	2442404	78.402 ng		98
72) Anthracene	11.46	178	1727300	54.870 ng		100
73) Carbazole	11.60	167	1435028	47.437 ng		100
74) Di-n-butylphthalate	11.94	149	1700470	45.403 ng		99
75) Fluoranthene	12.59	202	1664598	50.160 ng		99
77) Benzidine	12.70	184	494344	41.094 ng		99
78) Pyrene	12.82	202	1757720	51.640 ng		99
80) Butylbenzylphthalate	13.44	149	718410	48.887 ng		97
81) Benzo(a)anthracene	14.00	228	1250059	45.758 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	390937	42.404 ng	#	97
83) Chrysene	14.04	228	1325098	47.552 ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	863948	44.833 ng		98
85) Di-n-octyl phthalate	14.61	149	1673268	49.081 ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1128838	48.863 ng		99
88) Benzo(b)fluoranthene	15.05	252	1225409	51.751 ng		99
89) Benzo(k)fluoranthene	15.08	252	1161616	50.415 ng		99
90) Benzo(a)pyrene	15.42	252	1046453	49.541 ng		98
91) Dibenzo(a,h)anthracene	16.94	278	950414	49.359 ng		99
92) Benzo(g,h,i)perylene	17.37	276	866296	49.227 ng		100

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

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