Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120792.D
Acq On : 7 Jul 2020 17:30
Operator : JU/CG
Sample : L3230-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-C4-D4-C4A-D4AMS

Quant Time: Jul 07 18:00:54 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	159508	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	617970	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	318868	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	588452	20.00	ng	0.00
76) Chrysene-d12	14.02	240	461894	20.00	ng	0.00
86) Perylene-d12	15.47	264	407190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	964930	93.38	ng	0.01
7) Phenol-d6	6.47	99	1206719	91.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	759156	71.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	338774	105.75	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1406770	66.75	ng	0.00
79) Terphenyl-d14	12.96	244	1594519	67.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	201594	42.709	ng	99
3) Pyridine	3.40	79	559142	43.247	ng	100
4) n-Nitrosodimethylamine	3.36	42	312576	48.327	ng	98
6) Aniline	6.51	93	657047	38.770	ng	100
8) 2-Chlorophenol	6.63	128	524620	47.687	ng	98
9) Benzaldehyde	6.39	77	181936	23.182	ng	99
10) Phenol	6.49	94	660358m	48.646	ng	
11) bis(2-Chloroethyl)ether	6.59	93	505035	45.720	ng	98
12) 1,3-Dichlorobenzene	6.79	146	544954	45.003	ng	99
13) 1,4-Dichlorobenzene	6.87	146	553545	45.640	ng	99
14) 1,2-Dichlorobenzene	7.02	146	519999	45.065	ng	99
15) Benzyl Alcohol	6.99	79	447668	45.152	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	759656	44.090	ng	100
17) 2-Methylphenol	7.10	107	428977	43.587	ng	98
18) Hexachloroethane	7.36	117	212801	46.682	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	360210	45.336	ng	97
20) 3+4-Methylphenols	7.25	107	507783	41.891	ng	92
22) Acetophenone	7.26	105	683469	44.495	ng	99
24) Nitrobenzene	7.43	77	562899	47.003	ng	96
25) Isophorone	7.67	82	1025126	44.566	ng	99
26) 2-Nitrophenol	7.75	139	251604	49.811	ng	99
27) 2,4-Dimethylphenol	7.79	122	449128	48.912	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	634305	46.593	ng	100
29) 2,4-Dichlorophenol	7.99	162	431759	47.101	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	463285	44.997	ng	99
31) Naphthalene	8.16	128	1477325	44.732	ng	100
32) Benzoic acid	7.91	122	316220	48.642	ng	97
33) 4-Chloroaniline	8.20	127	319691	22.812	ng	96
34) Hexachlorobutadiene	8.27	225	267982	43.277	ng	100
35) Caprolactam	8.57	113	132196m	49.492	ng	
36) 4-Chloro-3-methylphenol	8.68	107	460204	48.263	ng	97
37) 2-Methylnaphthalene	8.85	142	997792	46.476	ng	100
38) 1-Methylnaphthalene	8.95	142	942665	46.875	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	417437	43.316	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	494689	86.881 ng		98
43) 2,4,6-Trichlorophenol	9.12	196	311285	47.403 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	323700	44.418 ng		100
46) 1,1'-Biphenyl	9.31	154	1159670	45.087 ng		100
47) 2-Chloronaphthalene	9.33	162	918821	44.591 ng		100
48) 2-Nitroaniline	9.43	65	300830	48.716 ng		97
49) Acenaphthylene	9.75	152	1439655	44.563 ng		100
50) Dimethylphthalate	9.62	163	1232447	52.984 ng		100
51) 2,6-Dinitrotoluene	9.67	165	225240	48.689 ng		88
52) Acenaphthene	9.92	154	981646	48.980 ng		99
53) 3-Nitroaniline	9.84	138	154947	28.260 ng		94
54) 2,4-Dinitrophenol	9.95	184	174943	94.261 ng		97
55) Dibenzofuran	10.10	168	1285002	44.480 ng		99
56) 4-Nitrophenol	10.00	139	423711	98.821 ng		98
57) 2,4-Dinitrotoluene	10.07	165	300600	51.933 ng		93
58) Fluorene	10.44	166	950011	44.180 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	267524m	49.330 ng		
60) Diethylphthalate	10.32	149	1094036	45.150 ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	458989	42.461 ng		99
62) 4-Nitroaniline	10.46	138	248240	50.229 ng		99
63) Azobenzene	10.59	77	1099971	44.377 ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	124681	50.037 ng		88
66) n-Nitrosodiphenylamine	10.55	169	898720	45.566 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	300845	44.073 ng		98
68) Hexachlorobenzene	10.99	284	331783	46.319 ng	#	89
69) Atrazine	11.07	200	261440	51.452 ng		98
70) Pentachlorophenol	11.17	266	397080	97.981 ng		99
71) Phenanthrene	11.40	178	1445122	45.261 ng		99
72) Anthracene	11.45	178	1477108	45.782 ng		99
73) Carbazole	11.60	167	1375863	44.376 ng		99
74) Di-n-butylphthalate	11.94	149	1706389	44.453 ng		99
75) Fluoranthene	12.59	202	1604881	47.185 ng		100
77) Benzidine	12.71	184	910979	69.874 ng		99
78) Pyrene	12.82	202	1606787	43.557 ng		99
80) Butylbenzylphthalate	13.44	149	736688	46.256 ng		100
81) Benzo(a)anthracene	14.00	228	1276987	43.130 ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	297297	29.754 ng	#	97
83) Chrysene	14.04	228	1393940	46.155 ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	872793	41.790 ng	#	99
85) Di-n-octyl phthalate	14.61	149	1759528	47.622 ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1234620	47.271 ng		99
88) Benzo(b)fluoranthene	15.05	252	1297928	48.485 ng		99
89) Benzo(k)fluoranthene	15.08	252	1292825	49.632 ng		98
90) Benzo(a)pyrene	15.42	252	1143685	47.893 ng		98
91) Dibenzo(a,h)anthracene	16.95	278	1070266	49.166 ng		98
92) Benzo(g,h,i)perylene	17.37	276	931083	46.800 ng		99

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

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