Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121187.D
Acq On : 5 Aug 2020 11:26
Operator : JU/CG
Sample : PB130722BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130722BS

Manual Integrations APPROVED
mohammad
8/6/2020 1:20:57 PM

Quant Time: Aug 05 12:09:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147788	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	578047	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	303856	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	573241	20.00	ng		0.00
76) Chrysene-d12	13.97	240	437901	20.00	ng		0.00
86) Perylene-d12	15.42	264	431519	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	907033	100.61	ng		0.00
7) Phenol-d6	6.44	99	1105780	94.96	ng		0.00
23) Nitrobenzene-d5	7.36	82	743012	74.38	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	345371	103.84	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1361449	66.90	ng		0.00
79) Terphenyl-d14	12.91	244	1360644	67.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	141783	34.173	ng		100
3) Pyridine	3.32	79	334152	30.275	ng		99
4) n-Nitrosodimethylamine	3.27	42	179104	37.949	ng		97
6) Aniline	6.46	93	507451	33.383	ng	#	86
8) 2-Chlorophenol	6.58	128	421892	42.481	ng		99
9) Benzaldehyde	6.35	77	263646	49.846	ng		99
10) Phenol	6.45	94	481473	37.586	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	391615	39.890	ng		100
12) 1,3-Dichlorobenzene	6.73	146	415626	38.595	ng		98
13) 1,4-Dichlorobenzene	6.81	146	425329	39.720	ng		98
14) 1,2-Dichlorobenzene	6.96	146	410813	40.553	ng		99
15) Benzyl Alcohol	6.94	79	329094	39.962	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	532534	37.634	ng		97
17) 2-Methylphenol	7.06	107	334998	38.058	ng		99
18) Hexachloroethane	7.30	117	156966	40.500	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	251132	37.925	ng		99
20) 3+4-Methylphenols	7.21	107	380567	33.987	ng		95
22) Acetophenone	7.20	105	523613	40.361	ng		95
24) Nitrobenzene	7.38	77	414488	38.496	ng		99
25) Isophorone	7.62	82	766277	38.434	ng		98
26) 2-Nitrophenol	7.70	139	228036	44.593	ng		96
27) 2,4-Dimethylphenol	7.74	122	363174	43.742	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	497278	40.860	ng		99
29) 2,4-Dichlorophenol	7.94	162	346830	40.880	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	371265	39.443	ng		99
31) Naphthalene	8.10	128	1149650	38.773	ng		100
32) Benzoic acid	7.87	122	191939	30.797	ng		98
33) 4-Chloroaniline	8.15	127	397324	30.039	ng		99
34) Hexachlorobutadiene	8.22	225	213317	38.443	ng		98
35) Caprolactam	8.53	113	110369m	40.566	ng		
36) 4-Chloro-3-methylphenol	8.65	107	355920	40.905	ng		96
37) 2-Methylnaphthalene	8.79	142	786291	40.841	ng		99
38) 1-Methylnaphthalene	8.89	142	735563	40.340	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358929	40.543	ng		99

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Quant Time: Aug 05 12:09:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	364701	74.537	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	249170	39.974	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	264296	37.379	ng		98
46) 1,1'-Biphenyl	9.26	154	945251	40.782	ng		100
47) 2-Chloronaphthalene	9.29	162	725785	38.407	ng		99
48) 2-Nitroaniline	9.38	65	224017	39.227	ng		99
49) Acenaphthylene	9.70	152	1150541	39.191	ng		100
50) Dimethylphthalate	9.56	163	873413	39.843	ng		100
51) 2,6-Dinitrotoluene	9.63	165	193452	41.076	ng		92
52) Acenaphthene	9.87	154	671752	35.991	ng		99
53) 3-Nitroaniline	9.79	138	161364	27.319	ng		99
54) 2,4-Dinitrophenol	9.91	184	184096	68.944	ng		99
55) Dibenzofuran	10.05	168	1004976	37.234	ng		98
56) 4-Nitrophenol	9.97	139	296512	66.084	ng		98
57) 2,4-Dinitrotoluene	10.03	165	249772	40.386	ng		93
58) Fluorene	10.39	166	754998	37.505	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	221888	41.216	ng		100
60) Diethylphthalate	10.26	149	858879	38.736	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	379557	35.350	ng		99
62) 4-Nitroaniline	10.41	138	216074	37.554	ng		96
63) Azobenzene	10.54	77	800656	37.930	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	133389	40.829	ng		93
66) n-Nitrosodiphenylamine	10.50	169	728706	40.410	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	250747	39.233	ng		95
68) Hexachlorobenzene	10.93	284	286108	41.383	ng	#	93
69) Atrazine	11.03	200	211469	47.351	ng		99
70) Pentachlorophenol	11.13	266	299810	75.696	ng		99
71) Phenanthrene	11.35	178	1128144	38.266	ng		100
72) Anthracene	11.40	178	1178485	39.808	ng		99
73) Carbazole	11.56	167	1114276	37.927	ng		99
74) Di-n-butylphthalate	11.89	149	1329368	39.210	ng		99
75) Fluoranthene	12.54	202	1247413	38.172	ng		98
77) Benzidine	12.66	184	776709	67.462	ng		99
78) Pyrene	12.77	202	1279565	41.330	ng		100
80) Butylbenzylphthalate	13.38	149	579495	41.988	ng		95
81) Benzo(a)anthracene	13.96	228	1086963	40.991	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	372202	37.205	ng		100
83) Chrysene	13.99	228	1094368	39.272	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	763342	44.853	ng		99
85) Di-n-octyl phthalate	14.56	149	1362960	40.254	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1129568	37.639	ng		100
88) Benzo(b)fluoranthene	15.00	252	1094197	41.949	ng		100
89) Benzo(k)fluoranthene	15.03	252	1027626	43.199	ng		99
90) Benzo(a)pyrene	15.36	252	964602	40.533	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	934612	38.125	ng		99
92) Benzo(g,h,i)perylene	17.29	276	936064	38.727	ng		98

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

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