Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120955.D
Acq On : 21 Jul 2020 15:43
Operator : JU/CG
Sample : PB130359BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Manual Integrations APPROVED
Sohil
7/24/2020 12:09:44 PM

Quant Time: Jul 21 16:16:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173013	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	645175	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	343073	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	655586	20.00	ng		0.00
76) Chrysene-d12	13.97	240	496629	20.00	ng		0.00
86) Perylene-d12	15.42	264	464353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	821035	77.80	ng		0.01
7) Phenol-d6	6.45	99	995852	73.05	ng		0.00
23) Nitrobenzene-d5	7.38	82	916266	82.18	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	310034	82.56	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1680645	73.14	ng		0.00
79) Terphenyl-d14	12.93	244	1858034	81.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	166973	34.377	ng		99
3) Pyridine	3.36	79	394079	30.499	ng		99
4) n-Nitrosodimethylamine	3.30	42	211894	38.351	ng		98
6) Aniline	6.47	93	564647	31.730	ng		100
8) 2-Chlorophenol	6.60	128	465347	40.025	ng		99
9) Benzaldehyde	6.36	77	350231	60.781	ng		100
10) Phenol	6.46	94	579526	38.644	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	434760	37.828	ng		98
12) 1,3-Dichlorobenzene	6.76	146	468495	37.162	ng		97
13) 1,4-Dichlorobenzene	6.83	146	476058	37.975	ng		99
14) 1,2-Dichlorobenzene	6.99	146	438197	36.949	ng		99
15) Benzyl Alcohol	6.96	79	358837	37.220	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	609928	36.819	ng		99
17) 2-Methylphenol	7.07	107	373020	36.199	ng		99
18) Hexachloroethane	7.33	117	178147	39.263	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	286901	37.010	ng		100
20) 3+4-Methylphenols	7.22	107	415907	31.728	ng	#	87
22) Acetophenone	7.23	105	575444	39.742	ng		96
24) Nitrobenzene	7.40	77	463980	38.609	ng		99
25) Isophorone	7.64	82	859047	38.604	ng		99
26) 2-Nitrophenol	7.72	139	243970	42.745	ng		99
27) 2,4-Dimethylphenol	7.75	122	405659	43.776	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	550374	40.517	ng		99
29) 2,4-Dichlorophenol	7.96	162	384670	40.623	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	411921	39.209	ng		99
31) Naphthalene	8.12	128	1285289	38.837	ng		100
32) Benzoic acid	7.88	122	275939	39.668	ng		99
33) 4-Chloroaniline	8.17	127	370815	25.117	ng		99
34) Hexachlorobutadiene	8.24	225	238873	38.570	ng		97
35) Caprolactam	8.55	113	124083m	40.862	ng		
36) 4-Chloro-3-methylphenol	8.65	107	402977	41.494	ng		100
37) 2-Methylnaphthalene	8.81	142	875644	40.750	ng		99
38) 1-Methylnaphthalene	8.91	142	824117	40.494	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	381382	38.155	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	461024	83.452	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	290325	41.252	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	303215	37.981	ng		95
46) 1,1'-Biphenyl	9.27	154	1053434	40.254	ng		99
47) 2-Chloronaphthalene	9.30	162	814613	38.180	ng		100
48) 2-Nitroaniline	9.40	65	254166	39.418	ng		92
49) Acenaphthylene	9.72	152	1306531	39.417	ng		100
50) Dimethylphthalate	9.58	163	980772	39.626	ng		99
51) 2,6-Dinitrotoluene	9.64	165	222517	41.847	ng		92
52) Acenaphthene	9.89	154	884854m	41.989	ng		
53) 3-Nitroaniline	9.80	138	162576	24.378	ng		98
54) 2,4-Dinitrophenol	9.92	184	213465	70.619	ng	#	81
55) Dibenzofuran	10.06	168	1171124	38.430	ng		99
56) 4-Nitrophenol	9.97	139	381910	75.387	ng		98
57) 2,4-Dinitrotoluene	10.04	165	297390	42.588	ng		89
58) Fluorene	10.40	166	847236	37.276	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	260638	42.880	ng		98
60) Diethylphthalate	10.28	149	989718	39.534	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	422072	34.816	ng		100
62) 4-Nitroaniline	10.42	138	243217	37.439	ng		99
63) Azobenzene	10.56	77	939570	39.423	ng		100
65) 4,6-Dinitro-2-methylphenol	10.45	198	145054	39.012	ng		93
66) n-Nitrosodiphenylamine	10.52	169	824440	39.976	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	285276	39.029	ng	#	92
68) Hexachlorobenzene	10.95	284	320316	40.512	ng	#	90
69) Atrazine	11.05	200	241172	47.219	ng		98
70) Pentachlorophenol	11.15	266	370060	81.697	ng		99
71) Phenanthrene	11.36	178	1302250	38.623	ng		99
72) Anthracene	11.42	178	1367402	40.388	ng		100
73) Carbazole	11.57	167	1267679	37.729	ng		99
74) Di-n-butylphthalate	11.90	149	1559780	40.228	ng		100
75) Fluoranthene	12.55	202	1470143	39.337	ng		98
77) Benzidine	12.67	184	888417	68.040	ng		99
78) Pyrene	12.78	202	1495343	42.588	ng		100
80) Butylbenzylphthalate	13.40	149	699864	44.713	ng		99
81) Benzo(a)anthracene	13.97	228	1173658	39.027	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	392841	34.624	ng		98
83) Chrysene	14.00	228	1271477	40.232	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	848738	43.973	ng		100
85) Di-n-octyl phthalate	14.57	149	1684156	43.858	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1115919	34.555	ng		100
88) Benzo(b)fluoranthene	15.00	252	1190238	42.405	ng		100
89) Benzo(k)fluoranthene	15.03	252	1180032	46.098	ng		100
90) Benzo(a)pyrene	15.36	252	1057108	41.279	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	949006	35.975	ng		98
92) Benzo(g,h,i)perylene	17.28	276	883806	33.980	ng		99

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

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