Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123459.D
Acq On : 25 Mar 2021 13:40
Operator : JU/CG
Sample : PB135315BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135315BS

Manual Integrations APPROVED
mohammad
3/26/2021 1:27:32 PM

Quant Time: Mar 25 18:14:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 17:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	236428	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	879451	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	474146	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	862540	20.00	ng		0.00
76) Chrysene-d12	14.086	240	667840	20.00	ng		0.00
86) Perylene-d12	15.580	264	487505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1571437	108.73	ng		0.02
7) Phenol-d6	6.534	99	2030397	105.54	ng		0.00
23) Nitrobenzene-d5	7.463	82	1153970	70.82	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	603438	113.84	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2052916	61.86	ng		0.00
79) Terphenyl-d14	13.027	244	2158927	54.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	270643	38.94	ng	#	67
3) Pyridine	3.551	79	728414	39.85	ng	#	62
4) n-Nitrosodimethylamine	3.504	42	446454	40.83	ng	#	68
6) Aniline	6.563	93	761105	32.33	ng		96
8) 2-Chlorophenol	6.687	128	650783	40.84	ng		88
9) Benzaldehyde	6.445	77	184491	16.09	ng		97
10) Phenol	6.545	94	860002	43.55	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	673058	42.75	ng	#	81
12) 1,3-Dichlorobenzene	6.845	146	707377	41.14	ng		99
13) 1,4-Dichlorobenzene	6.916	146	710389	41.31	ng		96
14) 1,2-Dichlorobenzene	7.069	146	685913	42.94	ng		97
15) Benzyl Alcohol	7.039	79	596470	39.60	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1404604	39.75	ng		87
17) 2-Methylphenol	7.151	107	547616	41.79	ng		97
18) Hexachloroethane	7.416	117	273652	42.47	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	489522	39.34	ng	#	77
20) 3+4-Methylphenols	7.304	107	651741	39.93	ng		93
22) Acetophenone	7.310	105	898041	40.68	ng	#	86
24) Nitrobenzene	7.481	77	744058	41.31	ng	#	92
25) Isophorone	7.722	82	1341995	38.31	ng		97
26) 2-Nitrophenol	7.798	139	330777	51.37	ng	#	87
27) 2,4-Dimethylphenol	7.834	122	617133	43.09	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	820959	43.48	ng		99
29) 2,4-Dichlorophenol	8.039	162	568875	40.47	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	620859	40.49	ng		99
31) Naphthalene	8.210	128	1863192	39.40	ng		99
32) Benzoic acid	7.957	122	452924	53.60	ng		97
33) 4-Chloroaniline	8.251	127	406940	20.98	ng	#	94
34) Hexachlorobutadiene	8.328	225	365869	39.12	ng		98
35) Caprolactam	8.622	113	183256m	43.36	ng		
36) 4-Chloro-3-methylphenol	8.733	107	602897	40.87	ng		96
37) 2-Methylnaphthalene	8.904	142	1275990	39.36	ng		99
38) 1-Methylnaphthalene	9.004	142	1205111	39.60	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	563487	39.94	ng		98
41) Hexachlorocyclopentadiene	9.057	237	660319	83.82	ng		95
43) 2,4,6-Trichlorophenol	9.175	196	402005	40.69	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	425147	40.95	ng		98
46) 1,1'-Biphenyl	9.369	154	1502892	41.13	ng		96
47) 2-Chloronaphthalene	9.392	162	1189439	39.90	ng		99
48) 2-Nitroaniline	9.480	65	430203	47.56	ng	#	70
49) Acenaphthylene	9.810	152	1848739	39.65	ng		100
50) Dimethylphthalate	9.669	163	1349108	40.06	ng		99
51) 2,6-Dinitrotoluene	9.728	165	303452	43.14	ng	#	82
52) Acenaphthene	9.980	154	1292521	44.41	ng		99
53) 3-Nitroaniline	9.892	138	228072	30.70	ng		82
54) 2,4-Dinitrophenol	10.004	184	323737	94.90	ng		100
55) Dibenzofuran	10.157	168	1625958	38.86	ng		98
56) 4-Nitrophenol	10.057	139	515154	85.98	ng	#	71
57) 2,4-Dinitrotoluene	10.133	165	412256	46.95	ng		97
58) Fluorene	10.498	166	1243688	39.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	361021	42.60	ng		95
60) Diethylphthalate	10.369	149	1313556	39.96	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	613326	39.73	ng		96
62) 4-Nitroaniline	10.516	138	311050	44.18	ng		98
63) Azobenzene	10.651	77	1354952	37.45	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	217135	46.93	ng	#	78
66) n-Nitrosodiphenylamine	10.610	169	1112599	38.50	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	405191	39.66	ng		97
68) Hexachlorobenzene	11.045	284	451005	40.06	ng		97
69) Atrazine	11.133	200	335475	36.52	ng		99
70) Pentachlorophenol	11.239	266	544350	81.03	ng		99
71) Phenanthrene	11.463	178	1854708	38.90	ng		99
72) Anthracene	11.516	178	1893723	39.48	ng		100
73) Carbazole	11.663	167	1742643	38.46	ng		100
74) Di-n-butylphthalate	11.998	149	2013394	39.03	ng		99
75) Fluoranthene	12.651	202	2076624	40.22	ng		98
77) Benzidine	12.769	184	588185	29.57	ng		99
78) Pyrene	12.880	202	2101514	36.48	ng		100
80) Butylbenzylphthalate	13.504	149	861069	40.30	ng		99
81) Benzo(a)anthracene	14.074	228	1679964	38.43	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	461796	32.48	ng		99
83) Chrysene	14.115	228	1687106	37.39	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	1078362	38.34	ng		99
85) Di-n-octyl phthalate	14.680	149	1829070	41.14	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.092	276	1305325	43.09	ng		99
88) Benzo(b)fluoranthene	15.139	252	1572574	46.76	ng		99
89) Benzo(k)fluoranthene	15.174	252	1392989m	43.81	ng		
90) Benzo(a)pyrene	15.515	252	1262678	43.49	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	1081239	42.04	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1085845	42.18	ng		98

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

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