Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123461.D
Acq On : 25 Mar 2021 14:50
Operator : JU/CG
Sample : PB135267BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135267BS

Manual Integrations APPROVED
mohammad
3/26/2021 1:27:37 PM

Quant Time: Mar 25 16:10:02 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 12:42:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	232453	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	878658	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	471485	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	855035	20.00	ng	0.00
76) Chrysene-d12	14.086	240	625729	20.00	ng	0.00
86) Perylene-d12	15.574	264	457548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1562841	109.99	ng	0.02
7) Phenol-d6	6.528	99	2015159	106.54	ng	0.00
23) Nitrobenzene-d5	7.463	82	1141923	70.14	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	606771	115.11	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2045022	61.97	ng	0.00
79) Terphenyl-d14	13.027	244	2138074	57.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	267509	39.15	ng	# 66
3) Pyridine	3.546	79	718464	39.98	ng	# 61
4) n-Nitrosodimethylamine	3.499	42	440453	40.97	ng	# 69
6) Aniline	6.563	93	755445	32.64	ng	93
8) 2-Chlorophenol	6.687	128	651257	41.57	ng	88
9) Benzaldehyde	6.445	77	185046	16.50	ng	99
10) Phenol	6.545	94	859467	44.27	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	661715	42.74	ng	# 81
12) 1,3-Dichlorobenzene	6.840	146	687878	40.69	ng	# 95
13) 1,4-Dichlorobenzene	6.916	146	706657	41.80	ng	96
14) 1,2-Dichlorobenzene	7.069	146	681925	43.42	ng	96
15) Benzyl Alcohol	7.040	79	593300	40.06	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1395451	40.16	ng	87
17) 2-Methylphenol	7.151	107	548035	42.54	ng	97
18) Hexachloroethane	7.416	117	269883	42.60	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	485563	39.69	ng	# 78
20) 3+4-Methylphenols	7.304	107	653055	40.70	ng	93
22) Acetophenone	7.310	105	895265	40.59	ng	# 89
24) Nitrobenzene	7.481	77	746951	41.50	ng	93
25) Isophorone	7.722	82	1333851	38.11	ng	98
26) 2-Nitrophenol	7.798	139	339672	52.80	ng	91
27) 2,4-Dimethylphenol	7.834	122	620073	43.34	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	813830	43.14	ng	99
29) 2,4-Dichlorophenol	8.040	162	570513	40.63	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	616218	40.22	ng	98
31) Naphthalene	8.210	128	1855761	39.28	ng	100
32) Benzoic acid	7.957	122	439837	52.10	ng	99
33) 4-Chloroaniline	8.251	127	408782	21.09	ng	# 94
34) Hexachlorobutadiene	8.328	225	365147	39.07	ng	99
35) Caprolactam	8.622	113	184898m	43.79	ng	
36) 4-Chloro-3-methylphenol	8.734	107	608008	41.25	ng	94
37) 2-Methylnaphthalene	8.898	142	1284622	39.67	ng	99
38) 1-Methylnaphthalene	8.998	142	1203951	39.60	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	568195	40.50	ng	98
41) Hexachlorocyclopentadiene	9.057	237	645106	82.35	ng	96
43) 2,4,6-Trichlorophenol	9.175	196	400985	40.82	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	421298	40.81	ng		96
46) 1,1'-Biphenyl	9.369	154	1499866	41.28	ng		97
47) 2-Chloronaphthalene	9.392	162	1178144	39.75	ng		99
48) 2-Nitroaniline	9.481	65	436299	48.51	ng	#	71
49) Acenaphthylene	9.810	152	1829371	39.46	ng		100
50) Dimethylphthalate	9.669	163	1338701	39.98	ng		100
51) 2,6-Dinitrotoluene	9.728	165	305875	43.72	ng	#	84
52) Acenaphthene	9.981	154	1297660	44.84	ng		100
53) 3-Nitroaniline	9.892	138	235931	31.94	ng		84
54) 2,4-Dinitrophenol	9.998	184	324854	95.69	ng	#	82
55) Dibenzofuran	10.151	168	1615628	38.83	ng		99
56) 4-Nitrophenol	10.057	139	517386	86.84	ng	#	71
57) 2,4-Dinitrotoluene	10.133	165	411871	47.17	ng		97
58) Fluorene	10.498	166	1237059	39.38	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	369511	43.85	ng		97
60) Diethylphthalate	10.369	149	1300687	39.79	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	605898	39.47	ng		97
62) 4-Nitroaniline	10.516	138	310277	44.32	ng		98
63) Azobenzene	10.645	77	1352980	37.61	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	217145	47.30	ng	#	75
66) n-Nitrosodiphenylamine	10.604	169	1111593	38.80	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	405387	40.03	ng		94
68) Hexachlorobenzene	11.045	284	451932	40.50	ng		99
69) Atrazine	11.133	200	327918	36.01	ng		99
70) Pentachlorophenol	11.239	266	528415	79.35	ng		99
71) Phenanthrene	11.463	178	1850490	39.15	ng		99
72) Anthracene	11.516	178	1888796	39.73	ng		99
73) Carbazole	11.663	167	1734794	38.62	ng		100
74) Di-n-butylphthalate	11.998	149	1961135	38.35	ng		100
75) Fluoranthene	12.651	202	2050387	40.06	ng		98
77) Benzidine	12.769	184	540408	28.99	ng		99
78) Pyrene	12.880	202	2051011	38.00	ng		99
80) Butylbenzylphthalate	13.504	149	821166	41.02	ng		99
81) Benzo(a)anthracene	14.074	228	1591000	38.85	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	452094	33.94	ng		99
83) Chrysene	14.110	228	1616764	38.24	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	1026312	38.94	ng		99
85) Di-n-octyl phthalate	14.680	149	1678565	40.29	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.092	276	1285757	45.22	ng		99
88) Benzo(b)fluoranthene	15.139	252	1357348	43.00	ng		98
89) Benzo(k)fluoranthene	15.174	252	1367707m	45.83	ng		
90) Benzo(a)pyrene	15.515	252	1182912	43.41	ng		98
91) Dibenzo(a,h)anthracene	17.110	278	1061550	43.98	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1088927	45.07	ng		97

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

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