Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125778.D
Acq On : 8 Oct 2021 12:29
Operator : JU/CG
Sample : PB139661BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139661BSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:07 PM

Quant Time: Oct 08 15:47:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	262553	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1061810	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	554565	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	894213	20.00	ng		0.00
76) Chrysene-d12	13.998	240	425914	20.00	ng		0.00
86) Perylene-d12	15.445	264	426718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1379956	85.86	ng		0.01
7) Phenol-d6	6.475	99	1655169	80.00	ng		0.00
23) Nitrobenzene-d5	7.410	82	1535380	89.88	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	457150	83.49	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2728399	84.86	ng		0.00
79) Terphenyl-d14	12.945	244	2532341	90.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	240804	35.19	ng	#	100
3) Pyridine	3.428	79	558530	31.55	ng	#	72
4) n-Nitrosodimethylamine	3.387	42	282982	44.41	ng	#	1
6) Aniline	6.510	93	1019735	42.81	ng		93
8) 2-Chlorophenol	6.628	128	801847	45.55	ng		97
9) Benzaldehyde	6.392	77	462072	41.15	ng		94
10) Phenol	6.487	94	943986	46.92	ng		92
11) bis(2-Chloroethyl)ether	6.581	93	735227	45.10	ng		97
12) 1,3-Dichlorobenzene	6.787	146	826808	43.05	ng		97
13) 1,4-Dichlorobenzene	6.863	146	840065	42.90	ng		97
14) 1,2-Dichlorobenzene	7.016	146	785017	42.80	ng		98
15) Benzyl Alcohol	6.987	79	614050	44.78	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	937675	44.98	ng		88
17) 2-Methylphenol	7.098	107	626399	44.70	ng		97
18) Hexachloroethane	7.357	117	303723	45.04	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	489100	44.78	ng	#	68
20) 3+4-Methylphenols	7.251	107	721375	41.74	ng		90
22) Acetophenone	7.257	105	1005248	43.07	ng	#	90
24) Nitrobenzene	7.428	77	751643	45.40	ng		96
25) Isophorone	7.669	82	1373269	45.38	ng		93
26) 2-Nitrophenol	7.745	139	414643	49.53	ng	#	93
27) 2,4-Dimethylphenol	7.781	122	708459	50.82	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	897790	42.74	ng		98
29) 2,4-Dichlorophenol	7.981	162	654230	43.56	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	697341	42.34	ng		97
31) Naphthalene	8.151	128	2188577	42.63	ng		99
32) Benzoic acid	7.904	122	484183	49.39	ng		98
33) 4-Chloroaniline	8.192	127	740256	34.45	ng		99
34) Hexachlorobutadiene	8.269	225	388341	42.22	ng		99
35) Caprolactam	8.569	113	206818m	47.66	ng		
36) 4-Chloro-3-methylphenol	8.675	107	647335	44.12	ng		99
37) 2-Methylnaphthalene	8.839	142	1492661	44.89	ng		99
38) 1-Methylnaphthalene	8.939	142	1378746	42.73	ng		97
40) 1,2,4,5-Tetrachloroben...	9.010	216	594182	39.92	ng		98
41) Hexachlorocyclopentadiene	8.998	237	728797	99.77	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	460494	42.69	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	489052	42.64	ng		95
46) 1,1'-Biphenyl	9.304	154	1673590	41.05	ng		97
47) 2-Chloronaphthalene	9.328	162	1394654	42.13	ng		98
48) 2-Nitroaniline	9.422	65	366302	46.09	ng		88
49) Acenaphthylene	9.745	152	2076009	42.82	ng		97
50) Dimethylphthalate	9.604	163	1555034	42.60	ng	#	97
51) 2,6-Dinitrotoluene	9.663	165	356828	48.36	ng		94
52) Acenaphthene	9.916	154	1400140	46.23	ng		97
53) 3-Nitroaniline	9.833	138	333790	38.26	ng	#	96
54) 2,4-Dinitrophenol	9.939	184	336015	107.28	ng	#	72
55) Dibenzofuran	10.086	168	1868417	41.18	ng		98
56) 4-Nitrophenol	9.992	139	615113	94.57	ng		89
57) 2,4-Dinitrotoluene	10.069	165	469873	50.36	ng	#	78
58) Fluorene	10.427	166	1380114	41.53	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	379529	43.84	ng	#	89
60) Diethylphthalate	10.304	149	1506879	43.26	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	636582	39.77	ng		90
62) 4-Nitroaniline	10.445	138	376990	46.76	ng	#	75
63) Azobenzene	10.580	77	1375314	42.00	ng		86
65) 4,6-Dinitro-2-methylph...	10.475	198	217070	48.66	ng	#	70
66) n-Nitrosodiphenylamine	10.539	169	1289253	42.26	ng		95
67) 4-Bromophenyl-phenylether	10.910	248	409604	41.36	ng		98
68) Hexachlorobenzene	10.975	284	477276	42.53	ng		90
69) Atrazine	11.069	200	413591	46.71	ng		92
70) Pentachlorophenol	11.169	266	520713	86.80	ng		95
71) Phenanthrene	11.392	178	1996649	41.73	ng		96
72) Anthracene	11.439	178	2058928	43.09	ng		98
73) Carbazole	11.592	167	1856282	41.74	ng		99
74) Di-n-butylphthalate	11.927	149	2148192	43.75	ng		99
75) Fluoranthene	12.574	202	1872503	43.37	ng		97
77) Benzidine	12.692	184	1041475	66.82	ng		97
78) Pyrene	12.804	202	1890203	43.68	ng		96
80) Butylbenzylphthalate	13.421	149	691914	49.89	ng		97
81) Benzo(a)anthracene	13.986	228	1170609	42.36	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	342054	39.18	ng		99
83) Chrysene	14.021	228	1206204	44.16	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	736839	48.82	ng		99
85) Di-n-octyl phthalate	14.592	149	1151358	45.79	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.904	276	1487567	45.67	ng		98
88) Benzo(b)fluoranthene	15.027	252	1166946	48.44	ng		98
89) Benzo(k)fluoranthene	15.057	252	1184822	47.90	ng	#	98
90) Benzo(a)pyrene	15.392	252	1202391	56.36	ng		97
91) Dibenzo(a,h)anthracene	16.921	278	1269821	47.27	ng		98
92) Benzo(g,h,i)perylene	17.345	276	1288872	46.98	ng		93

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

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