Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100421\
Data File : BF125763.D
Acq On : 4 Oct 2021 13:18
Operator : JU/CG
Sample : PB139583BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139583BS

Manual Integrations APPROVED
mohammad
10/5/2021 12:07:47 PM

Quant Time: Oct 04 13:48:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	279329	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	1133586	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	581704	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	978122	20.00	ng		# 0.00
76) Chrysene-d12	14.051	240	564526	20.00	ng		0.00
86) Perylene-d12	15.521	264	493440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2053180	121.10	ng		0.02
7) Phenol-d6	6.522	99	2501616	109.75	ng		0.01
23) Nitrobenzene-d5	7.457	82	1533091	94.33	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	685054	126.31	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2678737	82.32	ng		0.00
79) Terphenyl-d14	12.998	244	2559815	78.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	254881	35.32	ng	#	100
3) Pyridine	3.528	79	556650	29.17	ng	#	72
4) n-Nitrosodimethylamine	3.487	42	316338	44.67	ng	#	1
6) Aniline	6.551	93	1061172	40.32	ng		94
8) 2-Chlorophenol	6.675	128	887419	46.14	ng		98
9) Benzaldehyde	6.439	77	374397	34.86	ng		94
10) Phenol	6.534	94	1028888	44.66	ng		92
11) bis(2-Chloroethyl)ether	6.628	93	800973	44.73	ng		96
12) 1,3-Dichlorobenzene	6.834	146	893520	42.08	ng		96
13) 1,4-Dichlorobenzene	6.910	146	915101	42.36	ng		97
14) 1,2-Dichlorobenzene	7.063	146	886537	43.49	ng		98
15) Benzyl Alcohol	7.034	79	662044	41.87	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	974505	42.76	ng		87
17) 2-Methylphenol	7.139	107	682997	43.31	ng		98
18) Hexachloroethane	7.404	117	322948	46.05	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	511760	39.43	ng	#	67
20) 3+4-Methylphenols	7.292	107	782145	39.45	ng		95
22) Acetophenone	7.304	105	1095278	42.58	ng	#	89
24) Nitrobenzene	7.475	77	805727	48.74	ng		98
25) Isophorone	7.716	82	1466585	40.29	ng		95
26) 2-Nitrophenol	7.786	139	435519	49.95	ng		91
27) 2,4-Dimethylphenol	7.822	122	765704	47.30	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	932066	45.40	ng		98
29) 2,4-Dichlorophenol	8.028	162	702712	43.70	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	750246	42.86	ng		97
31) Naphthalene	8.198	128	2361420	40.57	ng		99
32) Benzoic acid	7.957	122	499353	43.16	ng		98
33) 4-Chloroaniline	8.239	127	747634	30.62	ng		99
34) Hexachlorobutadiene	8.316	225	406846	42.15	ng		98
35) Caprolactam	8.622	113	233654m	44.53	ng		
36) 4-Chloro-3-methylphenol	8.722	107	697804	41.41	ng		100
37) 2-Methylnaphthalene	8.886	142	1571160	39.80	ng		98
38) 1-Methylnaphthalene	8.986	142	1453549	38.96	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	648510	42.87	ng		98
41) Hexachlorocyclopentadiene	9.045	237	641337	100.19	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	487449	45.95	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	528915	46.18	ng		93
46) 1,1'-Biphenyl	9.351	154	1731963	40.38	ng		96
47) 2-Chloronaphthalene	9.375	162	1474952	41.53	ng		99
48) 2-Nitroaniline	9.469	65	399486	47.72	ng		92
49) Acenaphthylene	9.792	152	2176806	40.72	ng		96
50) Dimethylphthalate	9.651	163	1652208	42.16	ng		97
51) 2,6-Dinitrotoluene	9.710	165	380915	47.73	ng		94
52) Acenaphthene	9.963	154	1490468	44.47	ng		97
53) 3-Nitroaniline	9.880	138	358359	39.90	ng		92
54) 2,4-Dinitrophenol	9.986	184	333914	86.37	ng	#	77
55) Dibenzofuran	10.139	168	1962497	39.03	ng		95
56) 4-Nitrophenol	10.039	139	673452	93.29	ng		89
57) 2,4-Dinitrotoluene	10.116	165	516137	51.45	ng	#	81
58) Fluorene	10.480	166	1472004	37.61	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	393906	44.68	ng	#	90
60) Diethylphthalate	10.351	149	1603041	42.43	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	669525	38.48	ng		89
62) 4-Nitroaniline	10.498	138	413114	46.34	ng	#	77
63) Azobenzene	10.627	77	1430913	39.23	ng		84
65) 4,6-Dinitro-2-methylph...	10.522	198	226295	47.62	ng	#	79
66) n-Nitrosodiphenylamine	10.586	169	1373029	40.89	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	431001	41.99	ng		96
68) Hexachlorobenzene	11.027	284	520700	43.22	ng	#	82
69) Atrazine	11.116	200	443433	49.81	ng		93
70) Pentachlorophenol	11.216	266	569687	89.47	ng		95
71) Phenanthrene	11.439	178	2149297	39.19	ng		95
72) Anthracene	11.492	178	2189299	40.39	ng		96
73) Carbazole	11.639	167	2063360	38.68	ng		98
74) Di-n-butylphthalate	11.969	149	2304608	42.86	ng		99
75) Fluoranthene	12.627	202	2157091	36.80	ng		97
77) Benzidine	12.739	184	747079	50.38	ng		97
78) Pyrene	12.857	202	2160765	42.35	ng		95
80) Butylbenzylphthalate	13.468	149	840384	49.74	ng		99
81) Benzo(a)anthracene	14.039	228	1548373	40.38	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	533184	48.19	ng		99
83) Chrysene	14.080	228	1570059	40.80	ng		96
84) Bis(2-ethylhexyl)phtha...	14.027	149	961773	49.73	ng	#	99
85) Di-n-octyl phthalate	14.639	149	1525864	53.79	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.015	276	1672920	49.95	ng		96
88) Benzo(b)fluoranthene	15.092	252	1605824	46.45	ng		98
89) Benzo(k)fluoranthene	15.127	252	1394136	42.09	ng		98
90) Benzo(a)pyrene	15.462	252	1472005	47.83	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1395503	49.85	ng		99
92) Benzo(g,h,i)perylene	17.468	276	1474325	51.56	ng		93

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

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