Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100721\
Data File : BF125771.D
Acq On : 7 Oct 2021 15:36
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 07 16:23:45 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 15:23:37 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	272671	20.00	ng		0.00
21) Naphthalene-d8	8.134	136	1014237	20.00	ng	#	0.00
39) Acenaphthene-d10	9.886	164	515418	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	795221	20.00	ng	#	0.00
76) Chrysene-d12	13.998	240	355838	20.00	ng		0.00
86) Perylene-d12	15.451	264	442719	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	2120792	128.15	ng		0.01
7) Phenol-d6	6.487	99	2742086	123.24	ng		0.01
23) Nitrobenzene-d5	7.422	82	2292012	157.62	ng		0.01
42) 2,4,6-Tribromophenol	10.675	330	698372	145.32	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	3629425	113.78	ng		0.00
79) Terphenyl-d14	12.951	244	2895628	140.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	487492	69.21	ng	#	100
3) Pyridine	3.357	79	1327252	71.24	ng	#	70
4) n-Nitrosodimethylamine	3.328	42	474108	68.59	ng	#	1
6) Aniline	6.522	93	1689760	65.77	ng		95
8) 2-Chlorophenol	6.640	128	1179101	62.81	ng		98
9) Benzaldehyde	6.398	77	704819	60.99	ng		93
10) Phenol	6.498	94	1304232m	57.99	ng		
11) bis(2-Chloroethyl)ether	6.592	93	1113429	63.70	ng		97
12) 1,3-Dichlorobenzene	6.792	146	1290820	62.27	ng		96
13) 1,4-Dichlorobenzene	6.869	146	1305902	61.92	ng		99
14) 1,2-Dichlorobenzene	7.022	146	1173143	58.96	ng		98
15) Benzyl Alcohol	6.992	79	935954	60.64	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1441776	64.80	ng		87
17) 2-Methylphenol	7.098	107	990371	64.33	ng		98
18) Hexachloroethane	7.363	117	466532	68.15	ng		91
19) n-Nitroso-di-n-propyla...	7.275	70	757649	59.81	ng	#	68
20) 3+4-Methylphenols	7.257	107	1066143	55.09	ng		89
22) Acetophenone	7.269	105	1416850	61.56	ng	#	89
24) Nitrobenzene	7.439	77	1112648	75.22	ng		97
25) Isophorone	7.681	82	2098578	64.44	ng		95
26) 2-Nitrophenol	7.745	139	645384	102.32	ng		90
27) 2,4-Dimethylphenol	7.786	122	942029m	65.04	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	1385840	75.45	ng		98
29) 2,4-Dichlorophenol	7.986	162	1030420	71.62	ng		96
30) 1,2,4-Trichlorobenzene	8.075	180	1053112	67.24	ng		99
31) Naphthalene	8.157	128	3028610	58.16	ng		98
32) Benzoic acid	7.939	122	840698	91.68	ng		97
33) 4-Chloroaniline	8.204	127	1394388	63.83	ng		98
34) Hexachlorobutadiene	8.275	225	592242	68.58	ng		99
35) Caprolactam	8.598	113	306311m	65.24	ng		
36) 4-Chloro-3-methylphenol	8.681	107	992607	65.84	ng		98
37) 2-Methylnaphthalene	8.845	142	2017114	57.11	ng		98
38) 1-Methylnaphthalene	8.945	142	1961387	58.76	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	908228	67.75	ng		98
41) Hexachlorocyclopentadiene	8.998	237	532345	93.86	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	726542	77.29	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	763521	75.23	ng		93
46) 1,1'-Biphenyl	9.310	154	2345405	61.71	ng		94
47) 2-Chloronaphthalene	9.333	162	2018899	64.16	ng		98
48) 2-Nitroaniline	9.428	65	568865	90.14	ng		89
49) Acenaphthylene	9.751	152	2830156	59.75	ng		95
50) Dimethylphthalate	9.616	163	2232981	64.31	ng	#	97
51) 2,6-Dinitrotoluene	9.669	165	513484	85.51	ng		95
52) Acenaphthene	9.922	154	1862658	62.72	ng		97
53) 3-Nitroaniline	9.839	138	602728	85.07	ng		90
54) 2,4-Dinitrophenol	9.939	184	273120	111.74	ng	#	78
55) Dibenzofuran	10.092	168	2635369	59.15	ng		99
56) 4-Nitrophenol	9.992	139	460843	72.05	ng		88
57) 2,4-Dinitrotoluene	10.075	165	659787	90.30	ng	#	80
58) Fluorene	10.433	166	1859892	53.63	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	564005	72.21	ng	#	90
60) Diethylphthalate	10.310	149	2147586	64.15	ng		97
61) 4-Chlorophenyl-phenyle...	10.422	204	916054	59.42	ng		93
62) 4-Nitroaniline	10.457	138	570142	79.07	ng	#	76
63) Azobenzene	10.586	77	1995309	61.73	ng		84
65) 4,6-Dinitro-2-methylph...	10.480	198	372583	113.00	ng	#	78
66) n-Nitrosodiphenylamine	10.545	169	1834292	67.19	ng		94
67) 4-Bromophenyl-phenylether	10.916	248	615356	73.73	ng		94
68) Hexachlorobenzene	10.980	284	687975	70.24	ng	#	84
69) Atrazine	11.069	200	550515	76.06	ng		94
70) Pentachlorophenol	11.169	266	421152	81.35	ng		95
71) Phenanthrene	11.392	178	2720626	61.01	ng		94
72) Anthracene	11.445	178	2672982	60.66	ng		95
73) Carbazole	11.598	167	2561222	59.06	ng		98
74) Di-n-butylphthalate	11.927	149	2780559	63.60	ng		98
75) Fluoranthene	12.574	202	2396487	50.28	ng		95
77) Benzidine	12.692	184	803136	85.92	ng		98
78) Pyrene	12.804	202	2345654	72.94	ng		94
80) Butylbenzylphthalate	13.421	149	852494	80.05	ng		97
81) Benzo(a)anthracene	13.986	228	1605817	66.43	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	580560	83.24	ng		99
83) Chrysene	14.027	228	1624396	66.97	ng		96
84) Bis(2-ethylhexyl)phtha...	13.980	149	950462	77.96	ng		100
85) Di-n-octyl phthalate	14.592	149	1873392	104.77	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.909	276	2433433	80.97	ng		96
88) Benzo(b)fluoranthene	15.027	252	1869901	60.28	ng		99
89) Benzo(k)fluoranthene	15.062	252	1771768	59.62	ng	#	98
90) Benzo(a)pyrene	15.392	252	1638203	59.33	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	1962806	78.14	ng		98
92) Benzo(g,h,i)perylene	17.356	276	2060738	80.33	ng		92

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

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