Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123748.D
Acq On : 27 Apr 2021 15:35
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 27 16:02:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
4/28/2021 11:00:03 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	286793	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	995284	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	492669	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	930230	20.00	ng	0.00
76) Chrysene-d12	13.986	240	619722	20.00	ng	0.00
86) Perylene-d12	15.439	264	453270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2368252	125.09	ng	0.00
7) Phenol-d6	6.463	99	3285148	125.67	ng	0.02
23) Nitrobenzene-d5	7.386	82	3144110	136.87	ng	0.01
42) 2,4,6-Tribromophenol	10.651	330	869848	134.23	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	4389901	132.50	ng	0.00
79) Terphenyl-d14	12.933	244	4670505	137.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	672597	66.03	ng	97
3) Pyridine	3.257	79	1728713	68.93	ng	93
4) n-Nitrosodimethylamine	3.234	42	965121	69.88	ng	94
6) Aniline	6.487	93	1908937	62.83	ng	99
8) 2-Chlorophenol	6.604	128	1285504	62.61	ng	98
10) Phenol	6.475	94	1712199	58.47	ng	80
11) bis(2-Chloroethyl)ether	6.557	93	1318537	64.12	ng	99
12) 1,3-Dichlorobenzene	6.757	146	1305427	62.37	ng	96
13) 1,4-Dichlorobenzene	6.834	146	1310140	62.30	ng	97
15) Benzyl Alcohol	6.963	79	1311832	63.28	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	2778354	63.55	ng	97
17) 2-Methylphenol	7.075	107	1125953	63.78	ng	95
18) Hexachloroethane	7.328	117	542640	64.24	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	1066677	64.50	ng	96
22) Acetophenone	7.234	105	1879505	66.43	ng	95
24) Nitrobenzene	7.404	77	1642545	68.57	ng	95
25) Isophorone	7.645	82	3066183	70.39	ng	99
26) 2-Nitrophenol	7.716	139	703972	70.94	ng	98
27) 2,4-Dimethylphenol	7.763	122	1044521	67.52	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	1504430	67.77	ng	99
29) 2,4-Dichlorophenol	7.963	162	1022918	67.79	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	1070031	67.40	ng	97
31) Naphthalene	8.122	128	3492202	64.93	ng	98
32) Benzoic acid	7.922	122	866934	89.96	ng	94
33) 4-Chloroaniline	8.175	127	1536030	67.80	ng	98
34) Hexachlorobutadiene	8.239	225	661448	67.99	ng	99
35) Caprolactam	8.575	113	377679m	70.72	ng	
36) 4-Chloro-3-methylphenol	8.663	107	1313456	69.14	ng	96
37) 2-Methylnaphthalene	8.816	142	2282414	65.05	ng	98
38) 1-Methylnaphthalene	8.916	142	2137415	64.41	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	987182	65.81	ng	99
41) Hexachlorocyclopentadiene	8.969	237	492884	84.87	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	725667	69.11	ng	96
44) 2,4,5-Trichlorophenol	9.139	196	767746	68.54	ng	99
46) 1,1'-Biphenyl	9.280	154	2645681	63.71	ng	98
47) 2-Chloronaphthalene	9.304	162	2021321	64.10	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.404	65	989734	71.47	ng		96
49) Acenaphthylene	9.722	152	3253652	63.26	ng		97
50) Dimethylphthalate	9.592	163	2417570	67.01	ng		100
51) 2,6-Dinitrotoluene	9.651	165	573691	67.36	ng	#	83
52) Acenaphthene	9.892	154	2008384	64.57	ng		100
53) 3-Nitroaniline	9.822	138	685546	69.15	ng		96
54) 2,4-Dinitrophenol	9.922	184	350710	81.55	ng		98
55) Dibenzofuran	10.063	168	2904469	61.90	ng		96
56) 4-Nitrophenol	9.986	139	519233	70.05	ng		96
57) 2,4-Dinitrotoluene	10.051	165	763981	66.67	ng	#	80
58) Fluorene	10.410	166	2287888	63.26	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	625342	69.44	ng		98
60) Diethylphthalate	10.286	149	2534864	65.58	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	1059632	63.23	ng		98
62) 4-Nitroaniline	10.445	138	688645	69.59	ng		99
63) Azobenzene	10.563	77	2873285	65.17	ng		98
65) 4,6-Dinitro-2-methylph...	10.463	198	466165	74.92	ng		99
66) n-Nitrosodiphenylamine	10.522	169	2099626	66.12	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	704066	67.48	ng		95
68) Hexachlorobenzene	10.957	284	793167	66.77	ng		97
69) Atrazine	11.051	200	662135	68.12	ng		99
70) Pentachlorophenol	11.151	266	459566	77.13	ng		98
71) Phenanthrene	11.369	178	3278330	63.81	ng		98
72) Anthracene	11.421	178	3253682	63.84	ng		99
73) Carbazole	11.574	167	3308225	63.87	ng		97
74) Di-n-butylphthalate	11.910	149	3739903	63.84	ng		100
75) Fluoranthene	12.557	202	3529782	63.01	ng		98
77) Benzidine	12.674	184	1049216	57.27	ng		99
78) Pyrene	12.786	202	3586244	70.78	ng		99
80) Butylbenzylphthalate	13.404	149	1579896	72.27	ng		98
81) Benzo(a)anthracene	13.980	228	2621262	66.31	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	770073	63.77	ng	#	99
83) Chrysene	14.015	228	2655960	66.85	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	1891525	69.77	ng		99
85) Di-n-octyl phthalate	14.580	149	2962157	67.95	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	2176821	78.59	ng		99
88) Benzo(b)fluoranthene	15.021	252	2161766	67.62	ng		99
89) Benzo(k)fluoranthene	15.057	252	2109030	69.40	ng		99
90) Benzo(a)pyrene	15.386	252	1893692	68.78	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1795098	77.15	ng		100
92) Benzo(g,h,i)perylene	17.339	276	1934022	83.38	ng		99

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

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