Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042621\
Data File : BF123737.D
Acq On : 26 Apr 2021 17:24
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
4/27/2021 12:12:23 PM

Quant Time: Apr 26 17:57:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 16:51:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	267643	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	968149	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	475832	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	904551	20.00	ng		0.00
76) Chrysene-d12	13.986	240	628862	20.00	ng		0.00
86) Perylene-d12	15.433	264	444143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1795255	108.41	ng		0.00
7) Phenol-d6	6.457	99	2487055	108.38	ng		0.00
23) Nitrobenzene-d5	7.381	82	2396594	113.80	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	686984	127.50	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	3385664	106.07	ng		0.00
79) Terphenyl-d14	12.933	244	3735393	115.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	508834	58.82	ng		96
3) Pyridine	3.252	79	1284014	60.70	ng		96
4) n-Nitrosodimethylamine	3.216	42	703620	56.13	ng		99
6) Aniline	6.481	93	1466531	54.30	ng		99
8) 2-Chlorophenol	6.604	128	980354	55.12	ng		97
9) Benzaldehyde	6.357	77	561138	37.45	ng		99
10) Phenol	6.469	94	1323913	54.33	ng		82
11) bis(2-Chloroethyl)ether	6.551	93	999081	55.14	ng		96
12) 1,3-Dichlorobenzene	6.751	146	1001645	54.78	ng		99
13) 1,4-Dichlorobenzene	6.828	146	1008235	54.34	ng		99
14) 1,2-Dichlorobenzene	6.987	146	921904	52.87	ng		98
15) Benzyl Alcohol	6.957	79	1021951	56.45	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	2127007	52.00	ng		99
17) 2-Methylphenol	7.075	107	854350	55.90	ng		96
18) Hexachloroethane	7.328	117	408586	55.23	ng		95
19) n-Nitroso-di-n-propyla...	7.240	70	805413	52.99	ng		95
20) 3+4-Methylphenols	7.228	107	1005887	51.58	ng	#	84
22) Acetophenone	7.228	105	1421282	52.93	ng		94
24) Nitrobenzene	7.398	77	1257703	56.72	ng		95
25) Isophorone	7.640	82	2293511	56.13	ng		100
26) 2-Nitrophenol	7.716	139	526982	69.55	ng		95
27) 2,4-Dimethylphenol	7.757	122	802579	57.40	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	1156631	56.41	ng		99
29) 2,4-Dichlorophenol	7.957	162	786553	57.77	ng		100
30) 1,2,4-Trichlorobenzene	8.039	180	815886	55.77	ng		99
31) Naphthalene	8.122	128	2718871	54.52	ng		99
32) Benzoic acid	7.904	122	623656	75.23	ng		90
33) 4-Chloroaniline	8.169	127	1173613	57.30	ng		98
34) Hexachlorobutadiene	8.239	225	498495	54.30	ng		97
35) Caprolactam	8.557	113	288553m	60.71	ng		
36) 4-Chloro-3-methylphenol	8.657	107	1000670	56.67	ng		97
37) 2-Methylnaphthalene	8.810	142	1788824	54.70	ng		98
38) 1-Methylnaphthalene	8.910	142	1666171	53.85	ng		98
40) 1,2,4,5-Tetrachloroben...	8.981	216	758939	57.79	ng		99
41) Hexachlorocyclopentadiene	8.969	237	360191	52.78	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	556322	62.43	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	593888	60.96	ng		99
46) 1,1'-Biphenyl	9.281	154	2032424	54.57	ng		99
47) 2-Chloronaphthalene	9.304	162	1565970	55.88	ng		98
48) 2-Nitroaniline	9.398	65	734231	62.88	ng		94
49) Acenaphthylene	9.716	152	2583952	56.37	ng		98
50) Dimethylphthalate	9.586	163	1869056	56.85	ng		99
51) 2,6-Dinitrotoluene	9.639	165	444161	61.55	ng		95
52) Acenaphthene	9.892	154	1540766m	52.38	ng		
53) 3-Nitroaniline	9.816	138	520932	62.23	ng		93
54) 2,4-Dinitrophenol	9.916	184	267024	84.24	ng		98
55) Dibenzofuran	10.063	168	2348880	55.67	ng		100
56) 4-Nitrophenol	9.981	139	399968	62.36	ng		98
57) 2,4-Dinitrotoluene	10.045	165	603221	62.59	ng	#	85
58) Fluorene	10.404	166	1812739	54.66	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.181	232	490487	63.22	ng		96
60) Diethylphthalate	10.281	149	1983630	55.12	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	839999	54.87	ng		93
62) 4-Nitroaniline	10.433	138	527658	62.42	ng		98
63) Azobenzene	10.557	77	2247207	55.12	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	365814	77.51	ng		92
66) n-Nitrosodiphenylamine	10.516	169	1636218	56.51	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	555987	58.79	ng		98
68) Hexachlorobenzene	10.957	284	612696	57.48	ng	#	91
69) Atrazine	11.045	200	513227	56.87	ng		96
70) Pentachlorophenol	11.145	266	354831	63.72	ng		97
71) Phenanthrene	11.369	178	2580715	54.67	ng		99
72) Anthracene	11.422	178	2592378	54.95	ng		99
73) Carbazole	11.575	167	2619487	55.62	ng		98
74) Di-n-butylphthalate	11.904	149	3007893	52.77	ng		100
75) Fluoranthene	12.557	202	2816016	54.28	ng		99
77) Benzidine	12.674	184	1045069	61.13	ng		99
78) Pyrene	12.786	202	2868804	62.51	ng		99
80) Butylbenzylphthalate	13.404	149	1261624	58.50	ng		99
81) Benzo(a)anthracene	13.974	228	2109569	54.74	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	629402	51.13	ng		99
83) Chrysene	14.016	228	2109186	54.50	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	1496269	52.18	ng	#	99
85) Di-n-octyl phthalate	14.574	149	2308116	50.01	ng		98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1636689	69.07	ng		99
88) Benzo(b)fluoranthene	15.016	252	1663764	53.06	ng		98
89) Benzo(k)fluoranthene	15.051	252	1681921	54.88	ng		98
90) Benzo(a)pyrene	15.380	252	1471785	59.01	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	1346288	67.17	ng		99
92) Benzo(g,h,i)perylene	17.327	276	1443993	73.12	ng		98

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

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