Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
Data File : BF123758.D
Acq On : 28 Apr 2021 17:43
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:36 PM

Quant Time: Apr 28 18:04:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 11:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	278357	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	1009503	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	501785	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	976387	20.00	ng		0.00
76) Chrysene-d12	13.986	240	774323	20.00	ng		0.00
86) Perylene-d12	15.439	264	647559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1336533	76.07	ng		0.00
7) Phenol-d6	6.445	99	1841914	76.10	ng		0.00
23) Nitrobenzene-d5	7.375	82	1768616	79.09	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	502025	80.37	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2627853	76.27	ng		0.00
79) Terphenyl-d14	12.927	244	2980300	74.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	360205	38.06	ng		97
3) Pyridine	3.246	79	901854	38.99	ng		93
4) n-Nitrosodimethylamine	3.204	42	502609	39.44	ng		95
6) Aniline	6.475	93	1078024	38.51	ng		99
8) 2-Chlorophenol	6.598	128	734719	38.87	ng		97
9) Benzaldehyde	6.357	77	435932	37.21	ng		99
10) Phenol	6.463	94	999478	38.44	ng		83
11) bis(2-Chloroethyl)ether	6.545	93	729584	38.43	ng		95
12) 1,3-Dichlorobenzene	6.751	146	730946	38.28	ng		96
13) 1,4-Dichlorobenzene	6.828	146	733105	37.94	ng		98
14) 1,2-Dichlorobenzene	6.981	146	683103	36.41	ng		97
15) Benzyl Alcohol	6.951	79	742798	39.15	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	1581266	39.17	ng		99
17) 2-Methylphenol	7.069	107	625050	38.81	ng		99
18) Hexachloroethane	7.322	117	299675	39.19	ng		97
19) n-Nitroso-di-n-propyla...	7.228	70	585651	39.19	ng		99
20) 3+4-Methylphenols	7.222	107	750886	36.64	ng	#	83
22) Acetophenone	7.222	105	1065263	38.82	ng		92
24) Nitrobenzene	7.398	77	907798	38.97	ng		98
25) Isophorone	7.634	82	1676570	39.98	ng		99
26) 2-Nitrophenol	7.710	139	390846	41.11	ng		97
27) 2,4-Dimethylphenol	7.751	122	585598	39.22	ng		95
28) bis(2-Chloroethoxy)met...	7.845	93	846524	39.62	ng		99
29) 2,4-Dichlorophenol	7.957	162	579539	39.38	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	605675	39.27	ng		97
31) Naphthalene	8.122	128	2018155	38.82	ng		100
32) Benzoic acid	7.881	122	369064	39.27	ng		92
33) 4-Chloroaniline	8.169	127	859273	39.61	ng		96
34) Hexachlorobutadiene	8.239	225	370358	39.40	ng		98
35) Caprolactam	8.545	113	209728	40.59	ng	#	83
36) 4-Chloro-3-methylphenol	8.651	107	747411	40.70	ng		100
37) 2-Methylnaphthalene	8.810	142	1322473	39.04	ng		99
38) 1-Methylnaphthalene	8.910	142	1237088	38.85	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	567248	38.41	ng		100
41) Hexachlorocyclopentadiene	8.963	237	249737	42.64	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	403642	39.68	ng		98

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44) 2,4,5-Trichlorophenol	9.128	196	435243	39.88	ng		99
46) 1,1'-Biphenyl	9.275	154	1568403	38.15	ng		99
47) 2-Chloronaphthalene	9.298	162	1194335	38.53	ng		98
48) 2-Nitroaniline	9.392	65	541583	39.66	ng		95
49) Acenaphthylene	9.716	152	1948598	38.95	ng		100
50) Dimethylphthalate	9.581	163	1384227	39.17	ng		100
51) 2,6-Dinitrotoluene	9.639	165	330406	40.44	ng		92
52) Acenaphthene	9.886	154	1178650	38.67	ng		98
53) 3-Nitroaniline	9.810	138	383228	39.27	ng		96
54) 2,4-Dinitrophenol	9.910	184	173257	39.92	ng		95
55) Dibenzofuran	10.057	168	1776246	38.53	ng		97
56) 4-Nitrophenol	9.975	139	292836	41.20	ng		98
57) 2,4-Dinitrotoluene	10.045	165	442837	39.75	ng		97
58) Fluorene	10.404	166	1360975	38.41	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	350933	40.61	ng		96
60) Diethylphthalate	10.275	149	1508348	40.10	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	634557	38.43	ng		98
62) 4-Nitroaniline	10.422	138	392151	40.55	ng		98
63) Azobenzene	10.551	77	1714376	39.64	ng		96
65) 4,6-Dinitro-2-methylph...	10.451	198	253130	41.84	ng		98
66) n-Nitrosodiphenylamine	10.516	169	1253294	39.24	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	406269	39.51	ng		96
68) Hexachlorobenzene	10.951	284	464793	39.71	ng		97
69) Atrazine	11.039	200	383318	39.70	ng		98
70) Pentachlorophenol	11.145	266	236411	39.63	ng		96
71) Phenanthrene	11.363	178	1977765	38.62	ng		99
72) Anthracene	11.416	178	1967653	38.64	ng		100
73) Carbazole	11.569	167	2019675	39.24	ng		99
74) Di-n-butylphthalate	11.904	149	2355934	40.77	ng		100
75) Fluoranthene	12.551	202	2197357	39.34	ng		99
77) Benzidine	12.669	184	798011	39.80	ng		98
78) Pyrene	12.786	202	2258142	37.57	ng		98
80) Butylbenzylphthalate	13.404	149	1021612	39.79	ng		95
81) Benzo(a)anthracene	13.974	228	1802121	38.41	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	578314	40.13	ng	#	97
83) Chrysene	14.010	228	1788355	37.88	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1293175	40.54	ng		99
85) Di-n-octyl phthalate	14.580	149	2191215	42.96	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1406012	37.28	ng		99
88) Benzo(b)fluoranthene	15.015	252	1758979m	40.31	ng		
89) Benzo(k)fluoranthene	15.051	252	1528921	36.71	ng		99
90) Benzo(a)pyrene	15.380	252	1475006	39.53	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	1199272	37.66	ng		98
92) Benzo(g,h,i)perylene	17.321	276	1131382	35.48	ng		98

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

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