Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122921\
Data File : BF126405.D
Acq On : 29 Dec 2021 21:33
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 03:54:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 03:51:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	214601	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	831497	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	378599	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	574916	20.000	ng		0.00
76) Chrysene-d12	13.968	240	286383	20.000	ng	#	0.01
86) Perylene-d12	15.404	264	328976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1715017	151.602	ng		0.01
7) Phenol-d6	6.451	99	2269609	155.185	ng		0.02
23) Nitrobenzene-d5	7.380	82	2092658	172.778	ng		0.02
42) 2,4,6-Tribromophenol	10.639	330	408570	186.751	ng		0.02
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.915	244	1873901	166.833	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	500145	88.397	ng		99
3) Pyridine	3.234	79	1449383	94.590	ng		97
4) n-Nitrosodimethylamine	3.210	42	593864	94.872	ng		96
6) Aniline	6.481	93	1463855	81.116	ng		99
8) 2-Chlorophenol	6.598	128	851395	75.946	ng		94
9) Benzaldehyde	6.351	77	678002	74.742	ng		99
10) Phenol	6.463	94	1182594	72.931	ng		81
11) bis(2-Chloroethyl)ether	6.551	93	1015184	81.431	ng		98
12) 1,3-Dichlorobenzene	6.745	146	878494	78.334	ng		99
13) 1,4-Dichlorobenzene	6.822	146	855163	76.535	ng		97
15) Benzyl Alcohol	6.957	79	774450	77.185	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.086	45	1644203	83.892	ng		99
17) 2-Methylphenol	7.057	107	825832	83.274	ng		96
18) Hexachloroethane	7.316	117	361378	82.372	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	715476	85.407	ng		99
22) Acetophenone	7.222	105	1158507	78.572	ng	#	90
24) Nitrobenzene	7.398	77	1031211	84.549	ng		97
25) Isophorone	7.639	82	2127583	96.454	ng		100
26) 2-Nitrophenol	7.704	139	509174	95.921	ng		92
27) 2,4-Dimethylphenol	7.745	122	746218	87.153	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	1235656	86.102	ng		98
29) 2,4-Dichlorophenol	7.951	162	671556	86.611	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	667222	82.640	ng		99
31) Naphthalene	8.110	128	2330175	78.461	ng		98
32) Benzoic acid	7.916	122	712014	155.126	ng		94
33) 4-Chloroaniline	8.157	127	1028299	83.134	ng		98
34) Hexachlorobutadiene	8.227	225	326646	84.134	ng		98
35) Caprolactam	8.563	113	221289m	112.586	ng		
36) 4-Chloro-3-methylphenol	8.645	107	839406	88.460	ng		97
37) 2-Methylnaphthalene	8.804	142	1389660	79.311	ng		97
38) 1-Methylnaphthalene	8.898	142	1335823	78.991	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	491871	78.486	ng		99
41) Hexachlorocyclopentadiene	8.957	237	269874	115.978	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	395254m	87.177	ng		
44) 2,4,5-Trichlorophenol	9.122	196	432321m	87.602	ng		
46) 1,1'-Biphenyl	9.269	154	1611758	76.983	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.292	162	1239731	77.612	ng		96
48) 2-Nitroaniline	9.386	65	586020	93.314	ng		99
49) Acenaphthylene	9.710	152	1826692	75.565	ng		99
50) Dimethylphthalate	9.580	163	1523909	84.835	ng		99
51) 2,6-Dinitrotoluene	9.633	165	338388	89.748	ng	#	87
52) Acenaphthene	9.880	154	1292787m	81.611	ng		
53) 3-Nitroaniline	9.804	138	473980	90.463	ng		98
54) 2,4-Dinitrophenol	9.910	184	204963	137.253	ng	#	85
55) Dibenzofuran	10.051	168	1590121	74.872	ng		94
56) 4-Nitrophenol	9.963	139	374094	102.102	ng		97
57) 2,4-Dinitrotoluene	10.039	165	405264	84.262	ng		93
58) Fluorene	10.392	166	1124285	73.555	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	303793	86.995	ng		97
60) Diethylphthalate	10.274	149	1386417	80.706	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	498297	74.497	ng		94
62) 4-Nitroaniline	10.427	138	460009	93.155	ng		98
63) Azobenzene	10.545	77	1746166	79.258	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	255961	117.326	ng		85
66) n-Nitrosodiphenylamine	10.510	169	1105471	81.237	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	336792	87.279	ng		97
68) Hexachlorobenzene	10.939	284	389194	87.406	ng		99
69) Atrazine	11.027	200	169839	75.582	ng		99
70) Pentachlorophenol	11.133	266	223101	115.865	ng		99
71) Phenanthrene	11.351	178	1713211	76.633	ng		98
72) Anthracene	11.404	178	1747501	78.247	ng		99
73) Carbazole	11.557	167	1697057	77.721	ng		98
74) Di-n-butylphthalate	11.892	149	1928537	78.918	ng		98
75) Fluoranthene	12.539	202	1554100	76.639	ng		98
78) Pyrene	12.768	202	1584331	86.708	ng		98
80) Butylbenzylphthalate	13.386	149	723001	91.022	ng		98
81) Benzo(a)anthracene	13.957	228	1045268	83.722	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	488075	86.341	ng		97
83) Chrysene	13.992	228	1099215	86.542	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	726747	87.996	ng		99
85) Di-n-octyl phthalate	14.557	149	1465336	102.884	ng		99
87) Indeno(1,2,3-cd)pyrene	16.845	276	1586288	96.081	ng		97
88) Benzo(b)fluoranthene	14.992	252	1249876	83.204	ng		97
89) Benzo(k)fluoranthene	15.027	252	1209572	84.653	ng		97
90) Benzo(a)pyrene	15.351	252	1125632	89.775	ng		97
91) Dibenzo(a,h)anthracene	16.862	278	1229152	93.148	ng		98
92) Benzo(g,h,i)perylene	17.280	276	1373706	96.526	ng		96

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

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