Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129035.D
Acq On : 29 Jun 2022 15:00
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 15:58:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 15:17:55 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	543696	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1966189	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	1024478	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1814576	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1204736	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	1001592	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	2943448	84.046	ng		0.00
7) Phenol-d6	6.598	99	3756049	91.748	ng		0.01
23) Nitrobenzene-d5	7.534	82	3258074	79.774	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	1091079	102.581	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	4987660	70.542	ng		0.00
79) Terphenyl-d14	13.092	244	5190643	79.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	710038	74.691	ng		88
3) Pyridine	3.652	79	1709518	46.585	ng		85
4) n-Nitrosodimethylamine	3.581	42	790560	36.042	ng		82
6) Aniline	6.628	93	2160330m	48.809	ng		
8) 2-Chlorophenol	6.751	128	1588831	46.219	ng		98
9) Benzaldehyde	6.522	77	868242	38.911	ng		97
10) Phenol	6.610	94	1925258m	44.528	ng		
11) bis(2-Chloroethyl)ether	6.704	93	1533861	47.759	ng		92
12) 1,3-Dichlorobenzene	6.904	146	1745216	44.222	ng		98
13) 1,4-Dichlorobenzene	6.981	146	1750415	44.038	ng		99
14) 1,2-Dichlorobenzene	7.134	146	1623082	44.399	ng		98
15) Benzyl Alcohol	7.110	79	1348985	42.011	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.234	45	2175180	40.983	ng		92
17) 2-Methylphenol	7.210	107	1340352	36.353	ng		96
18) Hexachloroethane	7.475	117	635238	44.078	ng		91
19) n-Nitroso-di-n-propyla...	7.387	70	1098572	43.479	ng		88
20) 3+4-Methylphenols	7.369	107	1628509	44.169	ng		93
22) Acetophenone	7.381	105	2112531	40.711	ng		93
24) Nitrobenzene	7.551	77	1580114	41.804	ng		94
25) Isophorone	7.798	82	2770279	44.756	ng		95
26) 2-Nitrophenol	7.863	139	815331	45.949	ng		88
27) 2,4-Dimethylphenol	7.892	122	1330462	50.844	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	1854644	46.388	ng		99
29) 2,4-Dichlorophenol	8.104	162	1352734	46.012	ng		96
30) 1,2,4-Trichlorobenzene	8.187	180	1431948	44.092	ng		97
31) Naphthalene	8.269	128	4045237	40.964	ng		94
32) Benzoic acid	8.034	122	1165925	105.051	ng		97
33) 4-Chloroaniline	8.322	127	1682988	44.228	ng		96
34) Hexachlorobutadiene	8.381	225	862714	41.296	ng		99
35) Caprolactam	8.728	113	441211	55.523	ng	#	73
36) 4-Chloro-3-methylphenol	8.798	107	1374067	47.471	ng		89
37) 2-Methylnaphthalene	8.963	142	2787837	50.593	ng		99
38) 1-Methylnaphthalene	9.063	142	2699420	50.983	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	1350019	41.233	ng		98
41) Hexachlorocyclopentadiene	9.110	237	785180	224.356	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	979992	52.207	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	1018655	52.119	ng		97
46) 1,1'-Biphenyl	9.428	154	3293464	44.261	ng		94
47) 2-Chloronaphthalene	9.451	162	2652436	45.805	ng		98
48) 2-Nitroaniline	9.551	65	802591	38.953	ng	#	76
49) Acenaphthylene	9.869	152	3948742	45.400	ng		94
50) Dimethylphthalate	9.733	163	3035793	44.602	ng		98
51) 2,6-Dinitrotoluene	9.792	165	674848	47.336	ng		94
52) Acenaphthene	10.045	154	2618244	49.823	ng		97
53) 3-Nitroaniline	9.963	138	805967	51.350	ng	#	92
54) 2,4-Dinitrophenol	10.063	184	331104	58.459	ng	#	87
55) Dibenzofuran	10.216	168	3667252	45.051	ng		91
56) 4-Nitrophenol	10.116	139	662200	117.623	ng		91
57) 2,4-Dinitrotoluene	10.192	165	869742	46.403	ng		96
58) Fluorene	10.557	166	2830386	44.172	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	846168	59.416	ng		99
60) Diethylphthalate	10.428	149	3011601	45.459	ng		96
61) 4-Chlorophenyl-phenyle...	10.545	204	1458615	44.637	ng		95
62) 4-Nitroaniline	10.586	138	799685	53.972	ng		90
63) Azobenzene	10.710	77	2952697	43.522	ng		94
65) 4,6-Dinitro-2-methylph...	10.604	198	445700	42.861	ng		91
66) n-Nitrosodiphenylamine	10.669	169	2615083	46.885	ng		94
67) 4-Bromophenyl-phenylether	11.039	248	932826	46.846	ng		98
68) Hexachlorobenzene	11.104	284	1021517	46.568	ng		99
69) Atrazine	11.198	200	742747	44.402	ng		99
70) Pentachlorophenol	11.298	266	659614	163.481	ng		99
71) Phenanthrene	11.528	178	3827019	42.556	ng		93
72) Anthracene	11.580	178	3816732	42.547	ng		92
73) Carbazole	11.733	167	3843390	45.210	ng		95
74) Di-n-butylphthalate	12.057	149	4105523	42.535	ng		96
75) Fluoranthene	12.716	202	4022916	43.529	ng		91
77) Benzidine	12.833	184	924772	38.906	ng		97
78) Pyrene	12.951	202	4052133	47.027	ng		93
80) Butylbenzylphthalate	13.563	149	1782762	51.613	ng		91
81) Benzo(a)anthracene	14.139	228	3508792	46.922	ng		95
82) 3,3'-Dichlorobenzidine	14.104	252	731740	43.176	ng		97
83) Chrysene	14.180	228	3177596	44.427	ng		93
84) Bis(2-ethylhexyl)phtha...	14.116	149	2315782	51.652	ng		96
85) Di-n-octyl phthalate	14.739	149	3276877	47.471	ng		96
87) Indeno(1,2,3-cd)pyrene	17.239	276	3152265	53.564	ng		99
88) Benzo(b)fluoranthene	15.221	252	3020109	49.618	ng		97
89) Benzo(k)fluoranthene	15.257	252	2749499	45.854	ng		97
90) Benzo(a)pyrene	15.610	252	2404990	48.698	ng		96
91) Dibenzo(a,h)anthracene	17.262	278	2560664	52.803	ng		96
92) Benzo(g,h,i)perylene	17.721	276	2622494	54.467	ng		99

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

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