Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129061.D
Acq On : 30 Jun 2022 16:26
Operator : CG\JU
Sample : N3434-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 05:42:45 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 17:05:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B2203-35MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	420279	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1626834	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	840132	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1508937	20.000	ng		0.00
76) Chrysene-d12	14.145	240	1084467	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	852567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	2477534	99.662	ng		0.01
7) Phenol-d6	6.587	99	3179615	102.985	ng		0.00
23) Nitrobenzene-d5	7.522	82	1960420	71.877	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	953958	104.427	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	3468654	66.050	ng		0.00
79) Terphenyl-d14	13.080	244	3543494	67.854	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.958	88	488983	44.120	ng		87
3) Pyridine	3.722	79	1289379	47.637	ng		87
4) n-Nitrosodimethylamine	3.663	42	587081	47.875	ng	#	83
6) Aniline	6.622	93	1300839	37.674	ng		98
8) 2-Chlorophenol	6.745	128	1284549	49.183	ng		95
9) Benzaldehyde	6.516	77	780492	67.418	ng		96
10) Phenol	6.598	94	1536718	49.126	ng		91
11) bis(2-Chloroethyl)ether	6.693	93	1205818	48.702	ng		93
12) 1,3-Dichlorobenzene	6.898	146	1370509	47.668	ng		97
13) 1,4-Dichlorobenzene	6.975	146	1380786	47.614	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1326144	48.646	ng		99
15) Benzyl Alcohol	7.104	79	1056993	48.670	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1707337	48.281	ng		92
17) 2-Methylphenol	7.204	107	1048724	49.345	ng		98
18) Hexachloroethane	7.469	117	502390	49.346	ng		92
19) n-Nitroso-di-n-propyla...	7.375	70	858418	48.063	ng		88
20) 3+4-Methylphenols	7.357	107	1293409	47.857	ng		91
22) Acetophenone	7.369	105	1722216	46.148	ng	#	94
24) Nitrobenzene	7.540	77	1292463	48.976	ng		96
25) Isophorone	7.787	82	2344922	50.871	ng		95
26) 2-Nitrophenol	7.857	139	666607	54.351	ng	#	87
27) 2,4-Dimethylphenol	7.887	122	1174425	53.039	ng		97
28) bis(2-Chloroethoxy)met...	7.987	93	1467476	46.355	ng		99
29) 2,4-Dichlorophenol	8.098	162	1067672	47.273	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	1113005	44.783	ng		96
31) Naphthalene	8.263	128	3505839	47.470	ng		98
32) Benzoic acid	8.016	122	822495	46.297	ng		95
33) 4-Chloroaniline	8.310	127	539548	18.130	ng		94
34) Hexachlorobutadiene	8.375	225	666394	44.905	ng		99
35) Caprolactam	8.698	113	335971m	46.912	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1090653	47.529	ng		89
37) 2-Methylnaphthalene	8.957	142	2355102	47.390	ng		100
38) 1-Methylnaphthalene	9.057	142	2269657	47.029	ng		97
40) 1,2,4,5-Tetrachloroben...	9.122	216	1093548	46.308	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1409522	113.077	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	763675	47.478	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	801466	46.844	ng		96
46) 1,1'-Biphenyl	9.422	154	2811690	46.552	ng		96
47) 2-Chloronaphthalene	9.445	162	2182863	46.800	ng		99
48) 2-Nitroaniline	9.545	65	638610	51.984	ng	#	78
49) Acenaphthylene	9.869	152	3386332	47.780	ng		96
50) Dimethylphthalate	9.722	163	2475617	47.102	ng		98
51) 2,6-Dinitrotoluene	9.786	165	569331	53.010	ng		92
52) Acenaphthene	10.039	154	2410919	52.224	ng		98
53) 3-Nitroaniline	9.957	138	389041	30.376	ng	#	82
54) 2,4-Dinitrophenol	10.063	184	613725	103.466	ng	#	78
55) Dibenzofuran	10.210	168	3081863	45.846	ng		95
56) 4-Nitrophenol	10.116	139	1043480	99.715	ng		94
57) 2,4-Dinitrotoluene	10.192	165	755858	57.008	ng	#	87
58) Fluorene	10.557	166	2410892	46.366	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	670254	47.286	ng		99
60) Diethylphthalate	10.422	149	2432192	46.182	ng		97
61) 4-Chlorophenyl-phenyle...	10.545	204	1182238	45.633	ng		97
62) 4-Nitroaniline	10.581	138	617124	48.591	ng		88
63) Azobenzene	10.704	77	2347909	45.503	ng		94
65) 4,6-Dinitro-2-methylph...	10.598	198	355677	53.279	ng		85
66) n-Nitrosodiphenylamine	10.663	169	2129671	46.472	ng		94
67) 4-Bromophenyl-phenylether	11.033	248	756748	47.146	ng		97
68) Hexachlorobenzene	11.104	284	840439	47.023	ng	#	91
69) Atrazine	11.192	200	704346	54.620	ng		99
70) Pentachlorophenol	11.298	266	996381	93.595	ng		99
71) Phenanthrene	11.522	178	3289010	45.619	ng		95
72) Anthracene	11.575	178	3324543	46.770	ng		95
73) Carbazole	11.728	167	3197899	44.897	ng		97
74) Di-n-butylphthalate	12.051	149	3497291	46.569	ng		97
75) Fluoranthene	12.716	202	3479320	46.145	ng		95
77) Benzidine	12.833	184	1470504	76.151	ng		99
78) Pyrene	12.945	202	3541666	47.115	ng		96
80) Butylbenzylphthalate	13.557	149	1548109	50.553	ng		94
81) Benzo(a)anthracene	14.133	228	3097932	46.785	ng		96
82) 3,3'-Dichlorobenzidine	14.098	252	598124	41.805	ng		97
83) Chrysene	14.174	228	2751825	44.765	ng		94
84) Bis(2-ethylhexyl)phtha...	14.110	149	2087880	51.301	ng		98
85) Di-n-octyl phthalate	14.733	149	2932464	48.810	ng		96
87) Indeno(1,2,3-cd)pyrene	17.227	276	2456828	46.985	ng		99
88) Benzo(b)fluoranthene	15.216	252	2726591	53.178	ng		98
89) Benzo(k)fluoranthene	15.251	252	2353408	47.323	ng		98
90) Benzo(a)pyrene	15.604	252	2199915	52.632	ng		97
91) Dibenzo(a,h)anthracene	17.251	278	2097521	49.207	ng		97
92) Benzo(g,h,i)perylene	17.709	276	2082942	48.705	ng		99

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

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