Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127605.D
Acq On : 31 Mar 2022 15:46
Operator : CG\JU
Sample : SP5854
Misc : 8270/625 SPIKE
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 01 09:11:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP5854

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	87314	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	340542	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	199575	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	368849	20.000	ng		0.00
76) Chrysene-d12	14.021	240	281583	20.000	ng		0.00
86) Perylene-d12	15.498	264	218494	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0	0.000	ng		
7) Phenol-d6	6.628	99	17703	2.368	ng		0.15
23) Nitrobenzene-d5	7.339	82	29010	3.641	ng		-0.07
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng		
45) 2-Fluorobiphenyl	9.163	172	653	0.048	ng		-0.03
79) Terphenyl-d14	12.945	244	536	0.031	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	138636	57.705	ng		95
3) Pyridine	3.428	79	327934	48.361	ng		95
4) n-Nitrosodimethylamine	3.410	42	193191	51.890	ng		98
6) Aniline	6.498	93	392859	44.029	ng	#	73
8) 2-Chlorophenol	6.628	128	301243	53.891	ng		99
9) Benzaldehyde	6.392	77	286707	81.868	ng		97
10) Phenol	6.492	94	433445	53.230	ng		92
11) bis(2-Chloroethyl)ether	6.569	93	323383	54.274	ng		100
12) 1,3-Dichlorobenzene	6.769	146	314169	49.970	ng		99
13) 1,4-Dichlorobenzene	6.851	146	320605	50.695	ng		99
14) 1,2-Dichlorobenzene	6.998	146	301291	48.915	ng		98
15) Benzyl Alcohol	6.987	79	296399	54.546	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	546362	50.958	ng		64
17) 2-Methylphenol	7.098	107	242828	51.474	ng		93
18) Hexachloroethane	7.339	117	119987	51.824	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	231591	51.672	ng		99
20) 3+4-Methylphenols	7.251	107	307367	52.825	ng		93
22) Acetophenone	7.245	105	399250	45.864	ng		93
24) Nitrobenzene	7.422	77	368004	48.437	ng		100
25) Isophorone	7.657	82	682771	53.810	ng		99
26) 2-Nitrophenol	7.739	139	157760	49.509	ng		95
27) 2,4-Dimethylphenol	7.775	122	274409	57.250	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	406887	49.364	ng		100
29) 2,4-Dichlorophenol	7.986	162	261906	48.132	ng		97
30) 1,2,4-Trichlorobenzene	8.057	180	287290	45.309	ng		98
31) Naphthalene	8.139	128	858905	47.506	ng		99
32) Benzoic acid	7.939	122	148263	53.088	ng		92
33) 4-Chloroaniline	8.198	127	220456	31.467	ng		97
34) Hexachlorobutadiene	8.245	225	176189	43.758	ng		98
35) Caprolactam	8.586	113	88142m	52.543	ng		
36) 4-Chloro-3-methylphenol	8.686	107	288019	48.786	ng		96
37) 2-Methylnaphthalene	8.833	142	568043	48.862	ng		100
38) 1-Methylnaphthalene	8.928	142	539128	46.899	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	289002	45.544	ng		99
41) Hexachlorocyclopentadiene	8.975	237	174695	79.823	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	176277	45.957	ng		98

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44) 2,4,5-Trichlorophenol	9.163	196	193127	48.912	ng		98
46) 1,1'-Biphenyl	9.292	154	703171	46.651	ng		99
47) 2-Chloronaphthalene	9.322	162	550728	46.398	ng		99
48) 2-Nitroaniline	9.433	65	222543	48.920	ng		98
49) Acenaphthylene	9.739	152	859516	47.899	ng		99
50) Dimethylphthalate	9.598	163	655598	47.219	ng		98
51) 2,6-Dinitrotoluene	9.675	165	144096	49.442	ng		90
52) Acenaphthene	9.910	154	496947	47.465	ng		98
53) 3-Nitroaniline	9.845	138	110560	34.583	ng		98
54) 2,4-Dinitrophenol	9.963	184	132364	88.901	ng		92
55) Dibenzofuran	10.086	168	708417	47.044	ng		98
56) 4-Nitrophenol	10.028	139	134989	82.960	ng		99
57) 2,4-Dinitrotoluene	10.080	165	171106	45.612	ng	#	85
58) Fluorene	10.427	166	592510	49.072	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	163652	46.879	ng		95
60) Diethylphthalate	10.298	149	595589	46.966	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	309249	43.096	ng		97
62) 4-Nitroaniline	10.475	138	147561	49.276	ng		91
63) Azobenzene	10.575	77	702621	46.957	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	100410	44.241	ng		90
66) n-Nitrosodiphenylamine	10.539	169	512639	45.657	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	196853	45.712	ng		95
68) Hexachlorobenzene	10.975	284	212998	45.312	ng		98
69) Atrazine	11.069	200	195844	52.394	ng		97
70) Pentachlorophenol	11.180	266	153965	84.426	ng		99
71) Phenanthrene	11.392	178	880567	45.792	ng		99
72) Anthracene	11.445	178	902049	47.270	ng		99
73) Carbazole	11.610	167	826895	45.311	ng		98
74) Di-n-butylphthalate	11.916	149	968298	51.260	ng		100
75) Fluoranthene	12.586	202	1010886	47.795	ng		98
77) Benzidine	12.716	184	734984	109.470	ng		98
78) Pyrene	12.816	202	1037209	42.920	ng		99
80) Butylbenzylphthalate	13.421	149	400957	50.412	ng		99
81) Benzo(a)anthracene	14.010	228	888334	47.175	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	172861	31.234	ng		98
83) Chrysene	14.045	228	821524	46.071	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	531242	57.781	ng		98
85) Di-n-octyl phthalate	14.586	149	864677	70.674	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	599733	40.565	ng		97
88) Benzo(b)fluoranthene	15.068	252	704347	51.127	ng		99
89) Benzo(k)fluoranthene	15.098	252	703887	49.286	ng		99
90) Benzo(a)pyrene	15.439	252	651405	57.615	ng	#	98
91) Dibenzo(a,h)anthracene	17.009	278	530151	43.433	ng		97
92) Benzo(g,h,i)perylene	17.462	276	532254	42.187	ng		97

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

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