Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
Data File : BF128074.D
Acq On : 04 May 2022 16:25
Operator : CG\JU
Sample : N2665-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4,6MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 05 06:04:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	85484	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	329674	20.000	ng		0.00
39) Acenaphthene-d10	9.957	164	182188	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	283657	20.000	ng		0.00
76) Chrysene-d12	14.098	240	189676	20.000	ng		0.00
86) Perylene-d12	15.604	264	174736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	627288	116.880	ng		0.00
7) Phenol-d6	6.551	99	847895	121.754	ng		0.00
23) Nitrobenzene-d5	7.486	82	610081	87.021	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	224440	122.375	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	1008047	93.604	ng		0.00
79) Terphenyl-d14	13.039	244	839073	80.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	98738	38.559	ng		98
3) Pyridine	3.557	79	259284	39.518	ng		97
4) n-Nitrosodimethylamine	3.522	42	153569	48.355	ng		96
6) Aniline	6.581	93	321825	38.896	ng		98
8) 2-Chlorophenol	6.698	128	272530	48.925	ng		98
9) Benzaldehyde	6.469	77	173696	40.318	ng		97
10) Phenol	6.563	94	346050m	49.269	ng		
11) bis(2-Chloroethyl)ether	6.651	93	276062	47.381	ng		99
12) 1,3-Dichlorobenzene	6.857	146	298637	46.575	ng		97
13) 1,4-Dichlorobenzene	6.934	146	299955	46.867	ng		97
14) 1,2-Dichlorobenzene	7.087	146	287742	48.565	ng		99
15) Benzyl Alcohol	7.057	79	280874	59.309	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	413738	46.462	ng		100
17) 2-Methylphenol	7.169	107	228287	47.499	ng		97
18) Hexachloroethane	7.428	117	114948	48.854	ng		99
19) n-Nitroso-di-n-propyla...	7.328	70	219498	51.489	ng		97
20) 3+4-Methylphenols	7.322	107	277335	47.768	ng	#	87
22) Acetophenone	7.328	105	388391	48.336	ng	#	94
24) Nitrobenzene	7.504	77	333568	49.377	ng		98
25) Isophorone	7.739	82	616565	52.253	ng		100
26) 2-Nitrophenol	7.816	139	148430	51.561	ng		98
27) 2,4-Dimethylphenol	7.851	122	259200	54.208	ng		99
28) bis(2-Chloroethoxy)met...	7.945	93	353506	46.747	ng		99
29) 2,4-Dichlorophenol	8.057	162	236125	47.138	ng		99
30) 1,2,4-Trichlorobenzene	8.139	180	261425	45.943	ng		99
31) Naphthalene	8.222	128	787356	46.892	ng		99
32) Benzoic acid	7.975	122	149712m	43.683	ng		
33) 4-Chloroaniline	8.269	127	111411	16.770	ng		99
34) Hexachlorobutadiene	8.333	225	174540	48.698	ng		98
35) Caprolactam	8.651	113	74723m	46.212	ng		
36) 4-Chloro-3-methylphenol	8.751	107	262991	49.158	ng		95
37) 2-Methylnaphthalene	8.916	142	529978	47.759	ng		98
38) 1-Methylnaphthalene	9.016	142	496373	46.020	ng		98
40) 1,2,4,5-Tetrachloroben...	9.080	216	265436	49.429	ng		99
41) Hexachlorocyclopentadiene	9.063	237	192341	66.109	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	170450	48.239	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	178699	46.522	ng		99
46) 1,1'-Biphenyl	9.380	154	649828	48.152	ng		99
47) 2-Chloronaphthalene	9.404	162	476363	46.367	ng		96
48) 2-Nitroaniline	9.504	65	171808	49.438	ng		98
49) Acenaphthylene	9.822	152	769689	48.977	ng		100
50) Dimethylphthalate	9.680	163	589476	48.245	ng		100
51) 2,6-Dinitrotoluene	9.745	165	130328	49.265	ng		93
52) Acenaphthene	9.998	154	512090m	48.469	ng		
53) 3-Nitroaniline	9.916	138	83969	28.584	ng		96
54) 2,4-Dinitrophenol	10.027	184	91032	65.340	ng		95
55) Dibenzofuran	10.169	168	683539	44.842	ng		100
56) 4-Nitrophenol	10.080	139	164263	73.227	ng		92
57) 2,4-Dinitrotoluene	10.151	165	168735	48.153	ng	#	87
58) Fluorene	10.510	166	524475	46.109	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	140107	43.376	ng		99
60) Diethylphthalate	10.380	149	576505	48.117	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	269305	47.645	ng		96
62) 4-Nitroaniline	10.533	138	106025	36.917	ng		94
63) Azobenzene	10.663	77	587483	44.561	ng		97
65) 4,6-Dinitro-2-methylph...	10.563	198	68595	40.698	ng		92
66) n-Nitrosodiphenylamine	10.622	169	460994	52.230	ng		100
67) 4-Bromophenyl-phenylether	10.992	248	163284	51.927	ng		95
68) Hexachlorobenzene	11.057	284	166896	50.376	ng		98
69) Atrazine	11.145	200	158176	57.956	ng		97
70) Pentachlorophenol	11.257	266	159361	81.763	ng		96
71) Phenanthrene	11.480	178	681549	45.901	ng		99
72) Anthracene	11.527	178	702712	47.510	ng		100
73) Carbazole	11.686	167	587288	41.198	ng		99
74) Di-n-butylphthalate	12.004	149	793121	49.479	ng		100
75) Fluoranthene	12.668	202	631505	40.411	ng		97
77) Benzidine	12.792	184	311456	86.782	ng		98
78) Pyrene	12.898	202	636194	41.550	ng		99
80) Butylbenzylphthalate	13.510	149	271433	45.228	ng		94
81) Benzo(a)anthracene	14.092	228	601456	47.574	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	152534	37.999	ng		99
83) Chrysene	14.127	228	547849	45.374	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	380295	47.784	ng		99
85) Di-n-octyl phthalate	14.680	149	656745	53.249	ng		100
87) Indeno(1,2,3-cd)pyrene	17.145	276	438054	37.558	ng		97
88) Benzo(b)fluoranthene	15.162	252	575059	52.397	ng		98
89) Benzo(k)fluoranthene	15.192	252	545116	49.300	ng		98
90) Benzo(a)pyrene	15.545	252	523713	57.528	ng	#	96
91) Dibenzo(a,h)anthracene	17.162	278	379074	40.526	ng		98
92) Benzo(g,h,i)perylene	17.615	276	359403	36.459	ng		95

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

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