Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129903.D
Acq On : 19 Aug 2022 10:14
Operator : CG\JU
Sample : PB146929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 20 01:07:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
08/22/2022
Supervised By :Jagrut Upadhyay
08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	144649	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	580360	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	301802	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	513194	20.000	ng	0.00
76) Chrysene-d12	13.980	240	320682	20.000	ng	0.00
86) Perylene-d12	15.439	264	257917	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1072211	122.729	ng	0.01
7) Phenol-d6	6.451	99	1302850	119.086	ng	0.00
23) Nitrobenzene-d5	7.369	82	842884	77.747	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	364031	120.181	ng	0.01
45) 2-Fluorobiphenyl	9.157	172	1511862	76.084	ng	0.00
79) Terphenyl-d14	12.916	244	1632152	84.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	125567	34.838	ng	99
3) Pyridine	3.346	79	342884	36.352	ng	97
4) n-Nitrosodimethylamine	3.293	42	195519	44.979	ng	100
6) Aniline	6.463	93	509471	40.858	ng	95
8) 2-Chlorophenol	6.593	128	422766	43.469	ng	99
9) Benzaldehyde	6.351	77	279557	49.276	ng	98
10) Phenol	6.469	94	514274	42.853	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	394656	43.306	ng	100
12) 1,3-Dichlorobenzene	6.734	146	441756	42.074	ng	99
13) 1,4-Dichlorobenzene	6.810	146	451880	42.120	ng	99
14) 1,2-Dichlorobenzene	6.963	146	426663	42.821	ng	99
15) Benzyl Alcohol	6.951	79	361873	43.814	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	516936	42.333	ng	93
17) 2-Methylphenol	7.069	107	328783	42.102	ng	99
18) Hexachloroethane	7.298	117	170906	42.422	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	287227	41.535	ng	99
20) 3+4-Methylphenols	7.222	107	425723	40.613	ng	97
22) Acetophenone	7.210	105	588246	41.593	ng	99
24) Nitrobenzene	7.387	77	445448	40.747	ng	100
25) Isophorone	7.622	82	781254	41.869	ng	100
26) 2-Nitrophenol	7.698	139	228329	42.462	ng	99
27) 2,4-Dimethylphenol	7.740	122	353462	45.835	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	471167	43.246	ng	98
29) 2,4-Dichlorophenol	7.951	162	340172	40.341	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	349078	39.241	ng	98
31) Naphthalene	8.098	128	1191072	39.251	ng	100
32) Benzoic acid	7.892	122	139456	42.063	ng	91
33) 4-Chloroaniline	8.157	127	464850	38.955	ng	99
34) Hexachlorobutadiene	8.210	225	215047	39.701	ng	98
35) Caprolactam	8.545	113	109650m	41.815	ng	
36) 4-Chloro-3-methylphenol	8.657	107	369267	40.592	ng	97
37) 2-Methylnaphthalene	8.792	142	777314	39.029	ng	100
38) 1-Methylnaphthalene	8.892	142	745565	38.519	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	344192	41.004	ng	99
41) Hexachlorocyclopentadiene	8.939	237	228737	82.535	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	214382	39.308	ng	97

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44) 2,4,5-Trichlorophenol	9.134	196	231161	39.396	ng		96
46) 1,1'-Biphenyl	9.257	154	942349	41.101	ng		100
47) 2-Chloronaphthalene	9.286	162	727259	40.089	ng		100
48) 2-Nitroaniline	9.392	65	239508	41.777	ng		98
49) Acenaphthylene	9.698	152	1093524	39.751	ng		100
50) Dimethylphthalate	9.563	163	830682	38.395	ng		99
51) 2,6-Dinitrotoluene	9.634	165	189974	40.479	ng		98
52) Acenaphthene	9.869	154	659923	39.540	ng		98
53) 3-Nitroaniline	9.810	138	179682	34.620	ng		96
54) 2,4-Dinitrophenol	9.928	184	173475	81.635	ng		95
55) Dibenzofuran	10.045	168	987603	39.387	ng		97
56) 4-Nitrophenol	9.998	139	206613	89.482	ng		98
57) 2,4-Dinitrotoluene	10.045	165	247380	40.605	ng		97
58) Fluorene	10.386	166	822890	39.305	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	166974	38.777	ng	#	78
60) Diethylphthalate	10.263	149	819626	37.994	ng		98
61) 4-Chlorophenyl-phenyle...	10.375	204	369810	39.361	ng		97
62) 4-Nitroaniline	10.433	138	208407m	39.803	ng		
63) Azobenzene	10.539	77	803102	38.948	ng		96
65) 4,6-Dinitro-2-methylph...	10.463	198	119648	39.714	ng		89
66) n-Nitrosodiphenylamine	10.504	169	703237	40.599	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	236351	39.321	ng		94
68) Hexachlorobenzene	10.939	284	262264	40.279	ng		95
69) Atrazine	11.033	200	228870	43.050	ng		99
70) Pentachlorophenol	11.145	266	154478	79.204	ng		97
71) Phenanthrene	11.357	178	1147151	40.024	ng		100
72) Anthracene	11.410	178	1166717	40.934	ng		99
73) Carbazole	11.569	167	1084394	41.911	ng		99
74) Di-n-butylphthalate	11.880	149	1254480	37.672	ng		100
75) Fluoranthene	12.545	202	1192850	40.671	ng		98
77) Benzidine	12.669	184	646920	89.325	ng		100
78) Pyrene	12.780	202	1193214	42.818	ng		100
80) Butylbenzylphthalate	13.386	149	464376	39.381	ng		98
81) Benzo(a)anthracene	13.969	228	881053	39.939	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	246604	36.095	ng		99
83) Chrysene	14.004	228	807272	39.094	ng		100
84) Bis(2-ethylhexyl)phtha...	13.939	149	534650	38.217	ng		99
85) Di-n-octyl phthalate	14.551	149	713572	36.949	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	853436	48.199	ng		100
88) Benzo(b)fluoranthene	15.016	252	689734	39.054	ng		100
89) Benzo(k)fluoranthene	15.045	252	694056	40.979	ng		98
90) Benzo(a)pyrene	15.380	252	616309	44.314	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	728537	49.866	ng		98
92) Benzo(g,h,i)perylene	17.368	276	773442	53.065	ng		99

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

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