Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129905.D
Acq On : 19 Aug 2022 11:18
Operator : CG\JU
Sample : PB146848BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 20 01:09:35 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 :
PB146848BS

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	6.792	152	141865	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	577291	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	295399	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	487710	20.000	ng	0.00
76) Chrysene-d12	13.980	240	284740	20.000	ng	0.00
86) Perylene-d12	15.439	264	255921	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1075704	125.545	ng	0.01
7) Phenol-d6	6.451	99	1279737	119.269	ng	0.00
23) Nitrobenzene-d5	7.363	82	839226	77.821	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	341984	115.349	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1492529	76.739	ng	0.00
79) Terphenyl-d14	12.910	244	1502430	87.798	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	124496	35.219	ng	98
3) Pyridine	3.340	79	341746	36.942	ng	98
4) n-Nitrosodimethylamine	3.287	42	193522	45.393	ng	99
6) Aniline	6.463	93	492354	40.260	ng	93
8) 2-Chlorophenol	6.592	128	421519	44.191	ng	99
9) Benzaldehyde	6.351	77	281327	50.771	ng	99
10) Phenol	6.469	94	504136	42.833	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	390388	43.679	ng	100
12) 1,3-Dichlorobenzene	6.734	146	442728	42.994	ng	99
13) 1,4-Dichlorobenzene	6.810	146	444717	42.266	ng	99
14) 1,2-Dichlorobenzene	6.963	146	421974	43.181	ng	98
15) Benzyl Alcohol	6.951	79	354177	43.724	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	514190	42.934	ng	95
17) 2-Methylphenol	7.069	107	328213	42.854	ng	99
18) Hexachloroethane	7.298	117	172334	43.616	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	286366	42.223	ng	99
20) 3+4-Methylphenols	7.222	107	430549	41.879	ng	98
22) Acetophenone	7.210	105	586697	41.704	ng	98
24) Nitrobenzene	7.381	77	434209	39.930	ng	95
25) Isophorone	7.622	82	764381	41.182	ng	100
26) 2-Nitrophenol	7.698	139	224462	41.965	ng	99
27) 2,4-Dimethylphenol	7.739	122	345823	45.083	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	474196	43.756	ng	99
29) 2,4-Dichlorophenol	7.951	162	335692	40.021	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	346143	39.118	ng	98
31) Naphthalene	8.098	128	1175677	38.950	ng	100
32) Benzoic acid	7.892	122	142975	43.035	ng	94
33) 4-Chloroaniline	8.157	127	436830	36.802	ng	99
34) Hexachlorobutadiene	8.204	225	209667	38.913	ng	98
35) Caprolactam	8.539	113	104523m	40.072	ng	
36) 4-Chloro-3-methylphenol	8.657	107	362364	40.045	ng	98
37) 2-Methylnaphthalene	8.792	142	768545	38.794	ng	100
38) 1-Methylnaphthalene	8.892	142	731045	37.970	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	344825	41.970	ng	98
41) Hexachlorocyclopentadiene	8.939	237	233793	84.750	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	206603	38.703	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	223186	38.862	ng		94
46) 1,1'-Biphenyl	9.257	154	918142	40.913	ng		99
47) 2-Chloronaphthalene	9.281	162	711804	40.088	ng		98
48) 2-Nitroaniline	9.392	65	230986	41.164	ng		93
49) Acenaphthylene	9.698	152	1061316	39.416	ng		100
50) Dimethylphthalate	9.563	163	811868	38.339	ng		99
51) 2,6-Dinitrotoluene	9.633	165	185136	40.303	ng		93
52) Acenaphthene	9.869	154	649201	39.741	ng		100
53) 3-Nitroaniline	9.804	138	166520	32.779	ng		91
54) 2,4-Dinitrophenol	9.928	184	166382	80.104	ng		93
55) Dibenzofuran	10.045	168	968175	39.449	ng		99
56) 4-Nitrophenol	9.998	139	185887	82.251	ng		97
57) 2,4-Dinitrotoluene	10.045	165	235861	39.553	ng		98
58) Fluorene	10.386	166	793151	38.705	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	165958	39.376	ng	#	80
60) Diethylphthalate	10.263	149	795341	37.667	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	357364	38.861	ng		97
62) 4-Nitroaniline	10.427	138	201472m	39.312	ng		
63) Azobenzene	10.539	77	775441	38.421	ng		95
65) 4,6-Dinitro-2-methylph...	10.457	198	115557	40.360	ng		91
66) n-Nitrosodiphenylamine	10.498	169	674251	40.960	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	228843	40.061	ng		98
68) Hexachlorobenzene	10.939	284	253206	40.920	ng	#	92
69) Atrazine	11.027	200	219070	43.360	ng		97
70) Pentachlorophenol	11.145	266	137853	74.690	ng		98
71) Phenanthrene	11.351	178	1101011	40.421	ng		100
72) Anthracene	11.404	178	1120250	41.357	ng		100
73) Carbazole	11.569	167	1037991	42.214	ng		100
74) Di-n-butylphthalate	11.880	149	1183913	37.411	ng		99
75) Fluoranthene	12.545	202	1092359	39.191	ng		99
77) Benzidine	12.669	184	562188	87.295	ng		100
78) Pyrene	12.774	202	1099562	44.438	ng		100
80) Butylbenzylphthalate	13.380	149	414565	39.595	ng		97
81) Benzo(a)anthracene	13.968	228	793112	40.491	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	222733	36.716	ng		97
83) Chrysene	14.004	228	725179	39.551	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	477493	38.440	ng		98
85) Di-n-octyl phthalate	14.545	149	664975	38.779	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	867337	49.367	ng		100
88) Benzo(b)fluoranthene	15.015	252	695863	39.708	ng		99
89) Benzo(k)fluoranthene	15.045	252	645326	38.399	ng		99
90) Benzo(a)pyrene	15.380	252	598464	43.366	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	748861	51.657	ng		99
92) Benzo(g,h,i)perylene	17.362	276	780895	53.994	ng		98

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

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