Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128497.D
Acq On : 27 May 2022 03:20
Operator : CG\JU
Sample : PB145062BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 27 04:26:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145062BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	250221	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	971228	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	538916	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	972156	20.000	ng		0.00
76) Chrysene-d12	14.010	240	627851	20.000	ng		0.00
86) Perylene-d12	15.474	264	513346	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1664008	110.153	ng		0.02
7) Phenol-d6	6.469	99	2040352	105.932	ng		0.00
23) Nitrobenzene-d5	7.410	82	1395456	82.886	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	566129	110.366	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2488843	75.030	ng		0.00
79) Terphenyl-d14	12.957	244	2665528	82.021	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	208336	30.929	ng		98
3) Pyridine	3.475	79	570017	32.686	ng		98
4) n-Nitrosodimethylamine	3.434	42	380280	41.613	ng		95
6) Aniline	6.504	93	831283	36.986	ng		99
8) 2-Chlorophenol	6.622	128	674601	43.068	ng		97
9) Benzaldehyde	6.392	77	376130	46.485	ng		98
10) Phenol	6.487	94	774401m	40.574	ng		
11) bis(2-Chloroethyl)ether	6.581	93	631007	40.387	ng		97
12) 1,3-Dichlorobenzene	6.781	146	718291	40.361	ng		99
13) 1,4-Dichlorobenzene	6.857	146	718769	39.930	ng		100
14) 1,2-Dichlorobenzene	7.010	146	688810	41.576	ng		99
15) Benzyl Alcohol	6.987	79	560846m	38.178	ng		
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1107454	40.050	ng		98
17) 2-Methylphenol	7.092	107	558980	41.929	ng		100
18) Hexachloroethane	7.351	117	266517	41.974	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	464458	39.329	ng		98
20) 3+4-Methylphenols	7.245	107	626783	38.917	ng		93
22) Acetophenone	7.251	105	870460	38.869	ng	#	93
24) Nitrobenzene	7.428	77	711274	42.734	ng		96
25) Isophorone	7.663	82	1320187	42.507	ng		99
26) 2-Nitrophenol	7.739	139	332324	47.772	ng		97
27) 2,4-Dimethylphenol	7.775	122	636255	46.015	ng		100
28) bis(2-Chloroethoxy)met...	7.875	93	780292	38.712	ng		99
29) 2,4-Dichlorophenol	7.975	162	561698	39.253	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	609189	39.302	ng		99
31) Naphthalene	8.145	128	1858808	39.104	ng		99
32) Benzoic acid	7.904	122	378084	38.681	ng		97
33) 4-Chloroaniline	8.192	127	537825	28.416	ng		99
34) Hexachlorobutadiene	8.263	225	381606	38.992	ng		100
35) Caprolactam	8.569	113	177555m	40.238	ng		
36) 4-Chloro-3-methylphenol	8.675	107	589006	40.067	ng		98
37) 2-Methylnaphthalene	8.833	142	1183956	39.459	ng		99
38) 1-Methylnaphthalene	8.933	142	1143796	39.195	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	553118	37.376	ng		99
41) Hexachlorocyclopentadiene	8.992	237	738698	88.799	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	397037	36.382	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	468619	41.675	ng	96
46) 1,1'-Biphenyl	9.304	154	1441860	38.103	ng	99
47) 2-Chloronaphthalene	9.328	162	1153286	38.824	ng	100
48) 2-Nitroaniline	9.422	65	389000	47.092	ng	99
49) Acenaphthylene	9.745	152	1854648	40.641	ng	100
50) Dimethylphthalate	9.610	163	1369601	39.179	ng	100
51) 2,6-Dinitrotoluene	9.669	165	306819	47.890	ng	95
52) Acenaphthene	9.916	154	1206605	42.855	ng	98
53) 3-Nitroaniline	9.833	138	255124	34.481	ng	99
54) 2,4-Dinitrophenol	9.939	184	272379	83.494	ng	98
55) Dibenzofuran	10.092	168	1579069	37.800	ng	98
56) 4-Nitrophenol	9.998	139	490610	81.715	ng	93
57) 2,4-Dinitrotoluene	10.069	165	400120	52.202	ng	97
58) Fluorene	10.433	166	1150081	38.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	349419	38.345	ng	100
60) Diethylphthalate	10.310	149	1339442	39.444	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	580781	38.063	ng	93
62) 4-Nitroaniline	10.457	138	314071	44.336	ng	100
63) Azobenzene	10.586	77	1317920	38.122	ng	100
65) 4,6-Dinitro-2-methylph...	10.480	198	179254	40.828	ng	83
66) n-Nitrosodiphenylamine	10.545	169	1144856	39.335	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	388086	38.638	ng	98
68) Hexachlorobenzene	10.975	284	446747	40.277	ng	98
69) Atrazine	11.075	200	381472	42.230	ng	97
70) Pentachlorophenol	11.169	266	476302	70.467	ng	99
71) Phenanthrene	11.398	178	1787944	38.824	ng	100
72) Anthracene	11.445	178	1825406	39.682	ng	100
73) Carbazole	11.598	167	1658129	37.612	ng	100
74) Di-n-butylphthalate	11.933	149	2047540	39.461	ng	99
75) Fluoranthene	12.580	202	1921643	39.030	ng	100
77) Benzidine	12.704	184	930837	64.277	ng	99
78) Pyrene	12.810	202	1924855	40.695	ng	100
80) Butylbenzylphthalate	13.433	149	839438	42.076	ng	99
81) Benzo(a)anthracene	13.998	228	1470444	39.403	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	458949	48.029	ng	96
83) Chrysene	14.039	228	1505056	39.381	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	1004267	41.619	ng	98
85) Di-n-octyl phthalate	14.610	149	1817858	42.798	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1254916	41.447	ng	99
88) Benzo(b)fluoranthene	15.045	252	1434125	44.909	ng	99
89) Benzo(k)fluoranthene	15.080	252	1236953	41.807	ng	99
90) Benzo(a)pyrene	15.415	252	1258800	49.132	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	1106285	44.068	ng	98
92) Benzo(g,h,i)perylene	17.374	276	1076271	43.223	ng	99

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

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