Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129145.D
Acq On : 06 Jul 2022 16:21
Operator : CG\JU
Sample : N3589-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

Quant Time: Jul 06 17:43:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	284663	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	1065513	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	486480	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	722316	20.000	ng		0.00
76) Chrysene-d12	14.145	240	640672	20.000	ng		0.00
86) Perylene-d12	15.674	264	745940	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1238653	73.564	ng		0.00
7) Phenol-d6	6.581	99	1503763	71.910	ng		0.00
23) Nitrobenzene-d5	7.522	82	915381	51.242	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	340674	64.403	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1583919	52.087	ng		0.00
79) Terphenyl-d14	13.080	244	1309563	42.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	318518	42.431	ng		87
3) Pyridine	3.640	79	789122	43.045	ng		86
4) n-Nitrosodimethylamine	3.587	42	377443	45.443	ng	#	83
6) Aniline	6.622	93	904719	38.684	ng		96
8) 2-Chlorophenol	6.739	128	807467	45.645	ng		96
9) Benzaldehyde	6.510	77	466215	53.182	ng		98
10) Phenol	6.592	94	944023	44.556	ng		90
11) bis(2-Chloroethyl)ether	6.687	93	768356	45.818	ng		94
12) 1,3-Dichlorobenzene	6.898	146	902969	46.369	ng		98
13) 1,4-Dichlorobenzene	6.975	146	912449	46.454	ng		99
14) 1,2-Dichlorobenzene	7.128	146	870834	47.163	ng		99
15) Benzyl Alcohol	7.098	79	623475	42.385	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1072328	44.770	ng		91
17) 2-Methylphenol	7.204	107	618486	42.965	ng		97
18) Hexachloroethane	7.469	117	331448	48.065	ng		90
19) n-Nitroso-di-n-propyla...	7.363	70	535892	44.300	ng		89
20) 3+4-Methylphenols	7.351	107	802328	43.830	ng	#	84
22) Acetophenone	7.363	105	1104795	45.199	ng	#	95
24) Nitrobenzene	7.539	77	801069	46.347	ng		93
25) Isophorone	7.775	82	1418592	46.988	ng		98
26) 2-Nitrophenol	7.857	139	417591	51.984	ng	#	86
27) 2,4-Dimethylphenol	7.886	122	719302	49.598	ng		96
28) bis(2-Chloroethoxy)met...	7.986	93	892000	43.021	ng		98
29) 2,4-Dichlorophenol	8.092	162	624076	42.189	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	688370	42.289	ng		98
31) Naphthalene	8.263	128	2185121	45.174	ng		99
32) Benzoic acid	7.986	122	433726	37.276	ng		97
33) 4-Chloroaniline	8.310	127	446115	22.888	ng		94
34) Hexachlorobutadiene	8.375	225	428893	44.126	ng		98
35) Caprolactam	8.681	113	171010m	36.457	ng		
36) 4-Chloro-3-methylphenol	8.786	107	605584	40.293	ng		86
37) 2-Methylnaphthalene	8.957	142	1426621	43.830	ng		99
38) 1-Methylnaphthalene	9.057	142	1339281	42.370	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	652920	47.749	ng		99
41) Hexachlorocyclopentadiene	9.110	237	836084	115.834	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	419475	45.037	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	435049	43.913	ng		98
46) 1,1'-Biphenyl	9.416	154	1696111	48.496	ng		99
47) 2-Chloronaphthalene	9.445	162	1269870	47.017	ng		97
48) 2-Nitroaniline	9.539	65	345983	48.637	ng	#	84
49) Acenaphthylene	9.863	152	1934227	47.131	ng		99
50) Dimethylphthalate	9.716	163	1351655	44.412	ng		99
51) 2,6-Dinitrotoluene	9.780	165	299193	48.109	ng		94
52) Acenaphthene	10.039	154	1330797	49.783	ng		99
53) 3-Nitroaniline	9.951	138	223584	30.148	ng	#	84
54) 2,4-Dinitrophenol	10.057	184	282311	83.604	ng	#	84
55) Dibenzofuran	10.210	168	1685382	43.298	ng		100
56) 4-Nitrophenol	10.104	139	485860	80.181	ng		94
57) 2,4-Dinitrotoluene	10.186	165	367899	47.919	ng	#	86
58) Fluorene	10.551	166	1317852	43.769	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.322	232	322584	39.302	ng		99
60) Diethylphthalate	10.416	149	1261958	41.381	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	633709	42.242	ng		98
62) 4-Nitroaniline	10.569	138	284675	38.709	ng		86
63) Azobenzene	10.704	77	1185310	39.671	ng		91
65) 4,6-Dinitro-2-methylph...	10.592	198	157512	49.290	ng		86
66) n-Nitrosodiphenylamine	10.657	169	1082559	49.348	ng		97
67) 4-Bromophenyl-phenylether	11.033	248	370318	48.197	ng		95
68) Hexachlorobenzene	11.098	284	398617	46.591	ng		99
69) Atrazine	11.180	200	308488	49.974	ng		98
70) Pentachlorophenol	11.292	266	429205	84.224	ng		98
71) Phenanthrene	11.521	178	1629972	47.229	ng		100
72) Anthracene	11.569	178	1621178	47.644	ng		99
73) Carbazole	11.721	167	1439052	42.206	ng		98
74) Di-n-butylphthalate	12.045	149	1597152	44.428	ng		98
75) Fluoranthene	12.710	202	1670849	46.293	ng		98
77) Benzidine	12.833	184	820075	71.886	ng		99
78) Pyrene	12.945	202	1836586	41.356	ng		99
80) Butylbenzylphthalate	13.551	149	668828	36.969	ng		94
81) Benzo(a)anthracene	14.133	228	1745731	44.627	ng		98
82) 3,3'-Dichlorobenzidine	14.092	252	489071	57.861	ng		98
83) Chrysene	14.174	228	1631122	44.915	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	959291	39.898	ng		97
85) Di-n-octyl phthalate	14.733	149	1768224	49.819	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.239	276	2120897	46.358	ng		100
88) Benzo(b)fluoranthene	15.221	252	1947143	43.404	ng		98
89) Benzo(k)fluoranthene	15.251	252	1862273	42.800	ng		98
90) Benzo(a)pyrene	15.609	252	1762043	48.182	ng		97
91) Dibenzo(a,h)anthracene	17.262	278	1834119	49.178	ng		99
92) Benzo(g,h,i)perylene	17.721	276	1740502	46.516	ng		99

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

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