Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072022\
Data File : BF129290.D
Acq On : 20 Jul 2022 13:28
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 20 16:42:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF072022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	226956	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	859695	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	448866	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	751856	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	487391	20.000	ng		0.00
86) Perylene-d12	15.568	264	393117	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1082411	77.788	ng		0.00
7) Phenol-d6	6.522	99	1365103	76.959	ng		0.00
23) Nitrobenzene-d5	7.463	82	1268159	79.361	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	344073	79.451	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2082515	71.372	ng		0.00
79) Terphenyl-d14	13.016	244	2021930	77.263	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	245100	39.725	ng		90
3) Pyridine	3.475	79	710578	41.713	ng		91
4) n-Nitrosodimethylamine	3.422	42	309362	40.447	ng	#	94
6) Aniline	6.563	93	849731	38.932	ng		99
8) 2-Chlorophenol	6.681	128	593562	38.912	ng		100
9) Benzaldehyde	6.451	77	472393	38.824	ng		98
10) Phenol	6.540	94	727116m	39.005	ng		
11) bis(2-Chloroethyl)ether	6.634	93	579529	39.273	ng		92
12) 1,3-Dichlorobenzene	6.840	146	637249	38.760	ng		97
13) 1,4-Dichlorobenzene	6.916	146	645301	38.791	ng		99
14) 1,2-Dichlorobenzene	7.069	146	593112	38.586	ng		99
15) Benzyl Alcohol	7.040	79	517420	40.206	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	882125	39.212	ng		95
17) 2-Methylphenol	7.145	107	493235	39.675	ng		98
18) Hexachloroethane	7.410	117	249100	39.910	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	403360	38.165	ng		93
20) 3+4-Methylphenols	7.298	107	605305	37.333	ng		97
22) Acetophenone	7.310	105	777317	38.508	ng	#	95
24) Nitrobenzene	7.481	77	646330	39.270	ng		97
25) Isophorone	7.716	82	1098875	39.169	ng		99
26) 2-Nitrophenol	7.798	139	324878	40.909	ng		89
27) 2,4-Dimethylphenol	7.828	122	477446m	39.964	ng		
28) bis(2-Chloroethoxy)met...	7.928	93	635856	39.123	ng		98
29) 2,4-Dichlorophenol	8.034	162	488088	39.278	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	504664	39.077	ng		96
31) Naphthalene	8.204	128	1700518	38.567	ng		99
32) Benzoic acid	7.945	122	363829	41.665	ng		99
33) 4-Chloroaniline	8.251	127	707616	39.347	ng		97
34) Hexachlorobutadiene	8.316	225	291887	39.542	ng		99
35) Caprolactam	8.628	113	159890	40.343	ng	#	81
36) 4-Chloro-3-methylphenol	8.728	107	525148	39.778	ng		96
37) 2-Methylnaphthalene	8.892	142	1111240	38.893	ng		99
38) 1-Methylnaphthalene	8.992	142	1072561	38.801	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	457729	38.843	ng		98
41) Hexachlorocyclopentadiene	9.045	237	226655	43.637	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	337812	39.227	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	367235	39.310	ng	#	95
46) 1,1'-Biphenyl	9.357	154	1276101	38.474	ng		99
47) 2-Chloronaphthalene	9.386	162	1024497	38.561	ng		97
48) 2-Nitroaniline	9.481	65	356729	39.979	ng		94
49) Acenaphthylene	9.798	152	1585772	38.867	ng		99
50) Dimethylphthalate	9.657	163	1197838	38.843	ng		100
51) 2,6-Dinitrotoluene	9.722	165	276900	40.101	ng		96
52) Acenaphthene	9.975	154	1029263m	38.872	ng		
53) 3-Nitroaniline	9.892	138	325992	39.677	ng	#	96
54) 2,4-Dinitrophenol	9.998	184	146172	41.834	ng		94
55) Dibenzofuran	10.145	168	1422842	38.669	ng		97
56) 4-Nitrophenol	10.045	139	246353	41.060	ng		95
57) 2,4-Dinitrotoluene	10.128	165	368438	40.702	ng		94
58) Fluorene	10.486	166	1125917	38.339	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	286958	39.844	ng		91
60) Diethylphthalate	10.357	149	1163868	39.226	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	496602	38.652	ng		90
62) 4-Nitroaniline	10.510	138	320644	39.513	ng		94
63) Azobenzene	10.639	77	1190181	38.773	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	202014	43.684	ng		96
66) n-Nitrosodiphenylamine	10.598	169	964000	38.783	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	319666	39.404	ng		95
68) Hexachlorobenzene	11.039	284	351067	39.512	ng		96
69) Atrazine	11.122	200	301553	39.694	ng		97
70) Pentachlorophenol	11.228	266	206715	42.318	ng		100
71) Phenanthrene	11.457	178	1602967	38.844	ng		99
72) Anthracene	11.504	178	1569534	38.384	ng		99
73) Carbazole	11.663	167	1481416	38.839	ng		99
74) Di-n-butylphthalate	11.980	149	1741671	39.520	ng		99
75) Fluoranthene	12.645	202	1617868	38.468	ng		98
77) Benzidine	12.763	184	766056	39.440	ng		98
78) Pyrene	12.874	202	1646912	39.508	ng		99
80) Butylbenzylphthalate	13.486	149	695484	40.888	ng		95
81) Benzo(a)anthracene	14.063	228	1299613	38.723	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	434654	39.455	ng		97
83) Chrysene	14.104	228	1227340	38.745	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	847286	40.562	ng		98
85) Di-n-octyl phthalate	14.657	149	1209468	40.458	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	1121948	41.631	ng		99
88) Benzo(b)fluoranthene	15.127	252	1003149	38.339	ng		99
89) Benzo(k)fluoranthene	15.157	252	1019725	40.137	ng		99
90) Benzo(a)pyrene	15.504	252	836529	39.513	ng		98
91) Dibenzo(a,h)anthracene	17.104	278	912015	41.987	ng		98
92) Benzo(g,h,i)perylene	17.551	276	957195	42.408	ng		99

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

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