Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129699.D
Acq On : 10 Aug 2022 17:09
Operator : CG\JU
Sample : N3971-20MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 10 17:49:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-30MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

08/11/2022
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08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	175339	20.000	ng		-0.02
21) Naphthalene-d8	8.122	136	698460	20.000	ng		-0.01
39) Acenaphthene-d10	9.881	164	364306	20.000	ng		-0.01
64) Phenanthrene-d10	11.369	188	593236	20.000	ng		-0.01
76) Chrysene-d12	14.016	240	299494	20.000	ng		-0.01
86) Perylene-d12	15.486	264	304415	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	733302	68.128	ng		0.00
7) Phenol-d6	6.492	99	629453	46.525	ng		-0.01
23) Nitrobenzene-d5	7.410	82	999296	78.101	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	432797	123.567	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1840664	78.160	ng		-0.01
79) Terphenyl-d14	12.957	244	1738784	109.530	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	94757	19.512	ng		89
3) Pyridine	3.457	79	135672	10.060	ng		90
4) n-Nitrosodimethylamine	3.369	42	120400	20.330	ng	#	88
6) Aniline	6.504	93	270723	16.096	ng	#	44
8) 2-Chlorophenol	6.634	128	406960	34.607	ng		96
9) Benzaldehyde	6.393	77	238068	25.912	ng		99
10) Phenol	6.504	94	243176m	16.879	ng		
11) bis(2-Chloroethyl)ether	6.569	93	438270	38.358	ng		93
12) 1,3-Dichlorobenzene	6.775	146	446380	35.393	ng		100
13) 1,4-Dichlorobenzene	6.851	146	454425	35.429	ng		98
14) 1,2-Dichlorobenzene	7.004	146	437972	37.149	ng		96
15) Benzyl Alcohol	6.987	79	336287	34.272	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	584666	34.041	ng	#	17
17) 2-Methylphenol	7.110	107	281670	28.873	ng	#	84
18) Hexachloroethane	7.345	117	172531	35.723	ng		92
19) n-Nitroso-di-n-propyla...	7.251	70	339787	41.486	ng		94
20) 3+4-Methylphenols	7.263	107	346446	27.930	ng	#	79
22) Acetophenone	7.251	105	665256	40.910	ng		95
24) Nitrobenzene	7.428	77	493069	37.422	ng		95
25) Isophorone	7.663	82	946492	41.268	ng		98
26) 2-Nitrophenol	7.739	139	244493	37.615	ng		96
27) 2,4-Dimethylphenol	7.787	122	368571m	37.802	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	560441	42.124	ng		98
29) 2,4-Dichlorophenol	7.992	162	369946	36.761	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	374308	35.934	ng		98
31) Naphthalene	8.145	128	1292691	36.428	ng		99
32) Benzoic acid	7.916	122	70295	9.973	ng		94
33) 4-Chloroaniline	8.198	127	210450	14.445	ng		98
34) Hexachlorobutadiene	8.251	225	222163	37.521	ng		98
35) Caprolactam	8.586	113	85832m	26.234	ng		
36) 4-Chloro-3-methylphenol	8.698	107	382105	35.800	ng		93
37) 2-Methylnaphthalene	8.834	142	877779	38.064	ng		100
38) 1-Methylnaphthalene	8.934	142	835897	37.549	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	390903	40.864	ng		98
41) Hexachlorocyclopentadiene	8.981	237	210336	49.379	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	253888	36.542	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	260283	34.449	ng		98
46) 1,1'-Biphenyl	9.298	154	1047653	39.405	ng		99
47) 2-Chloronaphthalene	9.328	162	831589	38.691	ng		99
48) 2-Nitroaniline	9.433	65	274005	38.339	ng		87
49) Acenaphthylene	9.745	152	1280857	39.220	ng		99
50) Dimethylphthalate	9.604	163	1039432	41.331	ng		99
51) 2,6-Dinitrotoluene	9.669	165	230950	41.029	ng		93
52) Acenaphthene	9.916	154	879119m	41.214	ng		
53) 3-Nitroaniline	9.845	138	151374	22.774	ng	#	89
54) 2,4-Dinitrophenol	9.957	184	171211	59.582	ng		93
55) Dibenzofuran	10.086	168	1159419	39.430	ng		97
56) 4-Nitrophenol	10.033	139	83199	16.967	ng		96
57) 2,4-Dinitrotoluene	10.081	165	301690	41.028	ng		98
58) Fluorene	10.433	166	942658	40.066	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	188654	32.310	ng		95
60) Diethylphthalate	10.298	149	1043234	42.911	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	438365	42.263	ng	#	89
62) 4-Nitroaniline	10.463	138	208922	31.685	ng		94
63) Azobenzene	10.580	77	962577	38.819	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	131033	34.995	ng		90
66) n-Nitrosodiphenylamine	10.539	169	824358	41.727	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	283058	43.573	ng		98
68) Hexachlorobenzene	10.980	284	309719	44.002	ng		95
69) Atrazine	11.069	200	271741	45.284	ng		97
70) Pentachlorophenol	11.180	266	154068	40.264	ng		98
71) Phenanthrene	11.398	178	1287779	39.767	ng		98
72) Anthracene	11.445	178	1304653	40.997	ng		99
73) Carbazole	11.610	167	1133587	37.841	ng		98
74) Di-n-butylphthalate	11.922	149	1545613	43.325	ng		100
75) Fluoranthene	12.586	202	1185247	36.123	ng		99
78) Pyrene	12.816	202	1169967	46.716	ng		99
80) Butylbenzylphthalate	13.421	149	528040	48.609	ng		96
81) Benzo(a)anthracene	14.004	228	791176	38.673	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	182403	27.004	ng	#	98
83) Chrysene	14.045	228	735960	38.170	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	682424	47.717	ng		99
85) Di-n-octyl phthalate	14.592	149	957499	46.525	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	915299	44.650	ng		99
88) Benzo(b)fluoranthene	15.057	252	791763	39.210	ng		99
89) Benzo(k)fluoranthene	15.086	252	704440	35.599	ng		99
90) Benzo(a)pyrene	15.427	252	675460	41.207	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	801481	48.037	ng		98
92) Benzo(g,h,i)perylene	17.433	276	809406	47.475	ng		100

08/11/2022 Supervised By :Jagrut Upadhyay

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

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