Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129700.D
Acq On : 10 Aug 2022 17:41
Operator : CG\JU
Sample : N3971-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 10 18:00:51 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-30MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 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	176534	20.000	ng		-0.02
21) Naphthalene-d8	8.122	136	710069	20.000	ng		-0.01
39) Acenaphthene-d10	9.880	164	369046	20.000	ng		-0.01
64) Phenanthrene-d10	11.369	188	604660	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	294472	20.000	ng		#-0.01
86) Perylene-d12	15.486	264	300023	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	740110	68.295	ng		0.00
7) Phenol-d6	6.492	99	634783	46.602	ng		-0.01
23) Nitrobenzene-d5	7.410	82	1013099	77.885	ng		-0.01
42) 2,4,6-Tribromophenol	10.674	330	435386	122.710	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	1857079	77.844	ng		-0.01
79) Terphenyl-d14	12.951	244	1749522	112.086	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	97065	19.852	ng		86
3) Pyridine	3.451	79	156863	11.552	ng		91
4) n-Nitrosodimethylamine	3.375	42	124081	20.810	ng	#	89
6) Aniline	6.504	93	307295	18.147	ng	#	50
8) 2-Chlorophenol	6.634	128	415571	35.100	ng		96
9) Benzaldehyde	6.392	77	243675	26.342	ng		99
10) Phenol	6.504	94	249771m	17.219	ng		
11) bis(2-Chloroethyl)ether	6.569	93	441784	38.403	ng		94
12) 1,3-Dichlorobenzene	6.775	146	452031	35.599	ng		99
13) 1,4-Dichlorobenzene	6.851	146	458353	35.493	ng		98
14) 1,2-Dichlorobenzene	7.004	146	437726	36.876	ng		98
15) Benzyl Alcohol	6.986	79	340368	34.454	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	589113	34.068	ng	#	14
17) 2-Methylphenol	7.110	107	285108	29.027	ng	#	83
18) Hexachloroethane	7.345	117	171257	35.219	ng		94
19) n-Nitroso-di-n-propyla...	7.251	70	345940	41.951	ng		93
20) 3+4-Methylphenols	7.263	107	351298	28.130	ng	#	78
22) Acetophenone	7.251	105	672184	40.660	ng		96
24) Nitrobenzene	7.428	77	492252	36.750	ng		94
25) Isophorone	7.663	82	958071	41.090	ng		98
26) 2-Nitrophenol	7.739	139	253096	38.301	ng		96
27) 2,4-Dimethylphenol	7.786	122	372427m	37.573	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	558975	41.326	ng		99
29) 2,4-Dichlorophenol	7.992	162	375256	36.679	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	381931	36.067	ng		96
31) Naphthalene	8.145	128	1308749	36.278	ng		99
32) Benzoic acid	7.916	122	68285	9.529	ng		94
33) 4-Chloroaniline	8.198	127	268906	18.156	ng		97
34) Hexachlorobutadiene	8.251	225	229587	38.141	ng		97
35) Caprolactam	8.586	113	85787m	25.792	ng		
36) 4-Chloro-3-methylphenol	8.692	107	391006	36.035	ng		97
37) 2-Methylnaphthalene	8.833	142	886849	37.828	ng		99
38) 1-Methylnaphthalene	8.933	142	850064	37.561	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	397257	40.995	ng		98
41) Hexachlorocyclopentadiene	8.980	237	223638	51.828	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	253318	35.992	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	262078	34.241	ng		97
46) 1,1'-Biphenyl	9.298	154	1063035	39.470	ng		100
47) 2-Chloronaphthalene	9.327	162	840478	38.602	ng		100
48) 2-Nitroaniline	9.433	65	277543	38.335	ng		86
49) Acenaphthylene	9.745	152	1272907	38.476	ng		99
50) Dimethylphthalate	9.604	163	1054138	41.377	ng		100
51) 2,6-Dinitrotoluene	9.669	165	233770	40.997	ng		94
52) Acenaphthene	9.916	154	903282m	41.803	ng		
53) 3-Nitroaniline	9.845	138	163101	24.223	ng	#	91
54) 2,4-Dinitrophenol	9.957	184	175392	60.253	ng		90
55) Dibenzofuran	10.086	168	1174987	39.446	ng		97
56) 4-Nitrophenol	10.033	139	84644	17.040	ng		95
57) 2,4-Dinitrotoluene	10.080	165	303683	40.768	ng		95
58) Fluorene	10.427	166	962409	40.380	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	192420	32.532	ng		93
60) Diethylphthalate	10.298	149	1039945	42.227	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	441591	42.027	ng	#	90
62) 4-Nitroaniline	10.463	138	217212	32.519	ng		96
63) Azobenzene	10.580	77	958328	38.151	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	129921	34.042	ng		90
66) n-Nitrosodiphenylamine	10.539	169	838294	41.630	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	286546	43.277	ng		97
68) Hexachlorobenzene	10.980	284	309778	43.179	ng		93
69) Atrazine	11.069	200	276443	45.197	ng		97
70) Pentachlorophenol	11.180	266	155916	39.977	ng		98
71) Phenanthrene	11.392	178	1300322	39.396	ng		98
72) Anthracene	11.451	178	1329010	40.973	ng		99
73) Carbazole	11.610	167	1132469	37.089	ng		99
74) Di-n-butylphthalate	11.921	149	1567025	43.095	ng		99
75) Fluoranthene	12.586	202	1191595	35.630	ng		99
78) Pyrene	12.815	202	1168068	47.435	ng		98
80) Butylbenzylphthalate	13.421	149	525428	49.193	ng		97
81) Benzo(a)anthracene	14.004	228	782366	38.894	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	197895	29.797	ng	#	97
83) Chrysene	14.045	228	720583	38.010	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	684529	48.681	ng		99
85) Di-n-octyl phthalate	14.592	149	951291	47.012	ng		95
87) Indeno(1,2,3-cd)pyrene	16.986	276	920341	45.553	ng		99
88) Benzo(b)fluoranthene	15.057	252	787642	39.577	ng		99
89) Benzo(k)fluoranthene	15.086	252	704145	36.105	ng		99
90) Benzo(a)pyrene	15.427	252	674470	41.749	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	802619	48.809	ng		100
92) Benzo(g,h,i)perylene	17.433	276	812646	48.363	ng		98

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

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