Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127618.D
Acq On : 01 Apr 2022 18:05
Operator : CG\JU
Sample : N2202-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHEMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

Quant Time: Apr 01 23:49:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105448	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	406811	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	238301	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	417171	20.000	ng	0.00
76) Chrysene-d12	14.015	240	237056	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	212560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	879630	133.154	ng	0.03
7) Phenol-d6	6.487	99	1116239	123.614	ng	0.00
23) Nitrobenzene-d5	7.410	82	870248	91.442	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	330118	130.044	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1409469	86.368	ng	0.00
79) Terphenyl-d14	12.951	244	1509672	104.252	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	144666	49.860	ng	# 79
3) Pyridine	3.534	79	271905	33.203	ng	95
4) n-Nitrosodimethylamine	3.475	42	244072	54.283	ng	99
6) Aniline	6.510	93	207700	19.274	ng	# 64
8) 2-Chlorophenol	6.628	128	371344	55.007	ng	96
9) Benzaldehyde	6.398	77	85065	14.036	ng	98
10) Phenol	6.498	94	450372	45.797	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	416556	57.889	ng	99
12) 1,3-Dichlorobenzene	6.775	146	347439	45.758	ng	95
13) 1,4-Dichlorobenzene	6.851	146	352914	46.207	ng	99
14) 1,2-Dichlorobenzene	7.004	146	329498	44.295	ng	99
15) Benzyl Alcohol	6.992	79	362331	55.212	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	648049	50.048	ng	69
17) 2-Methylphenol	7.104	107	299122	52.503	ng	# 89
18) Hexachloroethane	7.339	117	131123	46.895	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	283225	52.325	ng	98
20) 3+4-Methylphenols	7.257	107	372373	52.991	ng	# 89
22) Acetophenone	7.251	105	496023	47.699	ng	94
24) Nitrobenzene	7.428	77	458070	50.470	ng	98
25) Isophorone	7.663	82	854839	56.396	ng	99
26) 2-Nitrophenol	7.739	139	193909	50.941	ng	95
27) 2,4-Dimethylphenol	7.781	122	340457	59.459	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	515381	52.341	ng	100
29) 2,4-Dichlorophenol	7.986	162	327845	50.436	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	337780	44.593	ng	97
31) Naphthalene	8.139	128	1020324	47.241	ng	99
32) Benzoic acid	7.951	122	200274	59.240	ng	91
33) 4-Chloroaniline	8.204	127	61201	7.312	ng	97
34) Hexachlorobutadiene	8.245	225	207435	43.126	ng	98
35) Caprolactam	8.592	113	104629m	52.211	ng	
36) 4-Chloro-3-methylphenol	8.698	107	353184	50.078	ng	99
37) 2-Methylnaphthalene	8.828	142	698462	50.293	ng	99
38) 1-Methylnaphthalene	8.928	142	657495	47.878	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	354601	46.800	ng	99
41) Hexachlorocyclopentadiene	8.975	237	216922	81.906	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	225011	49.129	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	230883	48.971	ng	99
46) 1,1'-Biphenyl	9.298	154	852261	47.353	ng	99
47) 2-Chloronaphthalene	9.322	162	675473	47.659	ng	98
48) 2-Nitroaniline	9.433	65	260243	47.911	ng	98
49) Acenaphthylene	9.739	152	1054056	49.194	ng	99
50) Dimethylphthalate	9.604	163	836763	50.474	ng	100
51) 2,6-Dinitrotoluene	9.675	165	176099	50.604	ng	98
52) Acenaphthene	9.910	154	609628	48.765	ng	99
53) 3-Nitroaniline	9.851	138	63801	16.714	ng	94
54) 2,4-Dinitrophenol	9.969	184	180246	100.166	ng	96
55) Dibenzofuran	10.086	168	860275	47.905	ng	99
56) 4-Nitrophenol	10.033	139	153635	79.075	ng	98
57) 2,4-Dinitrotoluene	10.086	165	208589	46.568	ng	97
58) Fluorene	10.427	166	716741	49.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	195812	46.976	ng	98
60) Diethylphthalate	10.298	149	746877	49.325	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	381383	44.511	ng	97
62) 4-Nitroaniline	10.475	138	150735	42.156	ng	98
63) Azobenzene	10.575	77	852228	47.699	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	125535	48.904	ng	99
66) n-Nitrosodiphenylamine	10.539	169	604325	47.589	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	238474	48.962	ng	94
68) Hexachlorobenzene	10.975	284	261380	49.164	ng	99
69) Atrazine	11.069	200	197086	46.619	ng	97
70) Pentachlorophenol	11.180	266	214572	102.465	ng	98
71) Phenanthrene	11.392	178	1033606	47.524	ng	100
72) Anthracene	11.445	178	1055431	48.902	ng	99
73) Carbazole	11.610	167	922677	44.703	ng	99
74) Di-n-butylphthalate	11.916	149	1148938	53.777	ng	99
75) Fluoranthene	12.586	202	1103153	46.116	ng	98
77) Benzidine	12.716	184	56581	10.010	ng	96
78) Pyrene	12.816	202	1102501	54.191	ng	99
80) Butylbenzylphthalate	13.421	149	410680	61.333	ng	92
81) Benzo(a)anthracene	14.010	228	797135	50.283	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	104145	22.352	ng	98
83) Chrysene	14.045	228	736675	49.073	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	535028	69.123	ng	98
85) Di-n-octyl phthalate	14.580	149	792262	76.918	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	689655	47.949	ng	97
88) Benzo(b)fluoranthene	15.062	252	689905	51.476	ng	99
89) Benzo(k)fluoranthene	15.092	252	645737	46.476	ng	99
90) Benzo(a)pyrene	15.439	252	653587	59.422	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	609553	51.332	ng	97
92) Benzo(g,h,i)perylene	17.456	276	602888	49.119	ng	96

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

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