Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127950.D
Acq On : 27 Apr 2022 17:34
Operator : CG\JU
Sample : N2572-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 28 05:16:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MH-14SMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	107309	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	401180	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	210463	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	322148	20.000	ng	0.00
76) Chrysene-d12	14.110	240	215503	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	263785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	896915	133.129	ng	0.01
7) Phenol-d6	6.563	99	1154910	132.111	ng	0.00
23) Nitrobenzene-d5	7.498	82	832042	97.527	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	265843	125.477	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1259585	101.248	ng	0.00
79) Terphenyl-d14	13.051	244	977750	82.963	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	133036	41.387	ng	98
3) Pyridine	3.581	79	343315	41.683	ng	97
4) n-Nitrosodimethylamine	3.546	42	195329	48.995	ng	97
6) Aniline	6.598	93	442776	42.630	ng	99
8) 2-Chlorophenol	6.716	128	337327	48.241	ng	97
9) Benzaldehyde	6.487	77	226833	41.943	ng	95
10) Phenol	6.575	94	401891m	45.581	ng	
11) bis(2-Chloroethyl)ether	6.669	93	346055	47.314	ng	100
12) 1,3-Dichlorobenzene	6.875	146	374198	46.490	ng	97
13) 1,4-Dichlorobenzene	6.951	146	371755	46.272	ng	98
14) 1,2-Dichlorobenzene	7.104	146	354290	47.635	ng	99
15) Benzyl Alcohol	7.075	79	258210	43.434	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	520560	46.568	ng	96
17) 2-Methylphenol	7.181	107	312724	51.834	ng	96
18) Hexachloroethane	7.445	117	142400	48.212	ng	99
19) n-Nitroso-di-n-propyla...	7.345	70	251694	47.034	ng	99
20) 3+4-Methylphenols	7.334	107	332696	45.649	ng	94
22) Acetophenone	7.345	105	459510	46.994	ng	97
24) Nitrobenzene	7.516	77	400720	48.744	ng	99
25) Isophorone	7.751	82	708464	49.340	ng	99
26) 2-Nitrophenol	7.834	139	174016	49.674	ng	92
27) 2,4-Dimethylphenol	7.863	122	298192	51.248	ng	97
28) bis(2-Chloroethoxy)met...	7.963	93	413305	44.913	ng	98
29) 2,4-Dichlorophenol	8.069	162	274752	45.072	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	312585	45.143	ng	100
31) Naphthalene	8.239	128	936556	45.836	ng	99
32) Benzoic acid	7.951	122	72107	17.289	ng	93
33) 4-Chloroaniline	8.287	127	215556	26.663	ng	99
34) Hexachlorobutadiene	8.345	225	204129	46.803	ng	98
35) Caprolactam	8.651	113	70982m	36.074	ng	
36) 4-Chloro-3-methylphenol	8.763	107	290936	44.689	ng	97
37) 2-Methylnaphthalene	8.928	142	619167	45.851	ng	100
38) 1-Methylnaphthalene	9.028	142	583432	44.450	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	295777	47.680	ng	98
41) Hexachlorocyclopentadiene	9.081	237	371339	110.486	ng	97
43) 2,4,6-Trichlorophenol	9.204	196	184780	45.269	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.245	196	197153	44.431	ng	98
46)	1,1'-Biphenyl	9.392	154	750611	48.147	ng	99
47)	2-Chloronaphthalene	9.422	162	554346	46.709	ng	99
48)	2-Nitroaniline	9.516	65	187757	46.769	ng	95
49)	Acenaphthylene	9.839	152	875675	48.235	ng	99
50)	Dimethylphthalate	9.692	163	608469	43.109	ng	100
51)	2,6-Dinitrotoluene	9.757	165	142146	46.514	ng	98
52)	Acenaphthene	10.010	154	576747m	47.254	ng	
53)	3-Nitroaniline	9.928	138	94900	27.965	ng	99
54)	2,4-Dinitrophenol	10.034	184	97067	60.312	ng	90
55)	Dibenzofuran	10.181	168	775076	44.015	ng	99
56)	4-Nitrophenol	10.086	139	187711	72.438	ng	96
57)	2,4-Dinitrotoluene	10.163	165	177359	43.814	ng	92
58)	Fluorene	10.528	166	574787	43.744	ng	98
59)	2,3,4,6-Tetrachlorophenol	10.298	232	150402	40.308	ng	99
60)	Diethylphthalate	10.392	149	585950	42.335	ng	99
61)	4-Chlorophenyl-phenyle...	10.516	204	281740	43.149	ng	98
62)	4-Nitroaniline	10.545	138	126620	38.165	ng	98
63)	Azobenzene	10.675	77	649731	42.661	ng	99
65)	4,6-Dinitro-2-methylph...	10.569	198	77222	40.342	ng	97
66)	n-Nitrosodiphenylamine	10.633	169	501417	50.022	ng	99
67)	4-Bromophenyl-phenylether	11.004	248	175264	49.077	ng	98
68)	Hexachlorobenzene	11.069	284	184163	48.946	ng	99
69)	Atrazine	11.157	200	157445	50.795	ng	96
70)	Pentachlorophenol	11.263	266	159999	72.282	ng	98
71)	Phenanthrene	11.492	178	780851	46.306	ng	99
72)	Anthracene	11.545	178	789013	46.971	ng	100
73)	Carbazole	11.698	167	655396	40.483	ng	100
74)	Di-n-butylphthalate	12.022	149	805426	44.243	ng	100
75)	Fluoranthene	12.680	202	723530	40.768	ng	99
77)	Benzidine	12.804	184	405849	99.531	ng	98
78)	Pyrene	12.910	202	717101	41.221	ng	99
80)	Butylbenzylphthalate	13.522	149	283750	41.614	ng	98
81)	Benzo(a)anthracene	14.104	228	670336	46.668	ng	100
82)	3,3'-Dichlorobenzidine	14.063	252	150564	33.013	ng	97
83)	Chrysene	14.139	228	626584	45.676	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.080	149	395933	43.786	ng	97
85)	Di-n-octyl phthalate	14.698	149	696949	49.736	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.168	276	896533	50.919	ng	99
88)	Benzo(b)fluoranthene	15.174	252	785900	47.435	ng	99
89)	Benzo(k)fluoranthene	15.210	252	676817	40.548	ng	99
90)	Benzo(a)pyrene	15.563	252	748102	54.435	ng	98
91)	Dibenzo(a,h)anthracene	17.192	278	759862	53.811	ng	98
92)	Benzo(g,h,i)perylene	17.639	276	761867	51.196	ng	99

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

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