Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130292.D
Acq On : 16 Sep 2022 16:09
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 03:24:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 03:22:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.669	152	109575	20.000	ng		0.00
21) Naphthalene-d8	7.951	136	406750	20.000	ng		0.00
39) Acenaphthene-d10	9.704	164	207745	20.000	ng		0.00
64) Phenanthrene-d10	11.180	188	349026	20.000	ng		0.00
76) Chrysene-d12	13.810	240	205901	20.000	ng		0.00
86) Perylene-d12	15.198	264	170906	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	530855	84.029	ng		0.00
7) Phenol-d6	6.304	99	653628	82.689	ng		0.00
23) Nitrobenzene-d5	7.239	82	633734	79.598	ng		0.00
42) 2,4,6-Tribromophenol	10.492	330	184823	92.848	ng		0.00
45) 2-Fluorobiphenyl	9.033	172	1141686	80.027	ng		0.00
79) Terphenyl-d14	12.768	244	1076498	86.605	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.304	88	108334	37.339	ng		98
3) Pyridine	2.987	79	281604	37.207	ng		99
4) n-Nitrosodimethylamine	2.951	42	150070	36.456	ng		99
6) Aniline	6.334	93	383742	39.400	ng		98
8) 2-Chlorophenol	6.451	128	283825	39.439	ng		98
9) Benzaldehyde	6.216	77	186686	35.258	ng		97
10) Phenol	6.322	94	363372	39.226	ng		95
11) bis(2-Chloroethyl)ether	6.416	93	259188	38.791	ng		93
12) 1,3-Dichlorobenzene	6.610	146	315819	39.884	ng		99
13) 1,4-Dichlorobenzene	6.686	146	320571	39.699	ng		99
14) 1,2-Dichlorobenzene	6.839	146	299460	39.699	ng		99
15) Benzyl Alcohol	6.822	79	235480	37.573	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.951	45	353112	36.234	ng		98
17) 2-Methylphenol	6.928	107	229074	39.157	ng		96
18) Hexachloroethane	7.181	117	123727	38.871	ng		100
19) n-Nitroso-di-n-propyla...	7.098	70	202728	38.007	ng		93
20) 3+4-Methylphenols	7.086	107	295794	38.922	ng		92
22) Acetophenone	7.086	105	398429	40.065	ng	#	98
24) Nitrobenzene	7.257	77	316667	39.171	ng		99
25) Isophorone	7.498	82	498436	38.842	ng		99
26) 2-Nitrophenol	7.575	139	145215	43.819	ng	#	88
27) 2,4-Dimethylphenol	7.616	122	215023	42.139	ng		95
28) bis(2-Chloroethoxy)met...	7.716	93	289420	40.054	ng		99
29) 2,4-Dichlorophenol	7.816	162	234230	41.889	ng		95
30) 1,2,4-Trichlorobenzene	7.898	180	249386	41.251	ng		95
31) Naphthalene	7.975	128	849199	40.524	ng		100
32) Benzoic acid	7.739	122	161614	40.956	ng		95
33) 4-Chloroaniline	8.028	127	325089	40.789	ng		99
34) Hexachlorobutadiene	8.092	225	160822	41.624	ng		100
35) Caprolactam	8.404	113	67292m	41.978	ng		
36) 4-Chloro-3-methylphenol	8.510	107	253313	40.870	ng		97
37) 2-Methylnaphthalene	8.663	142	538339	40.292	ng		99
38) 1-Methylnaphthalene	8.763	142	522008	40.670	ng		100
40) 1,2,4,5-Tetrachloroben...	8.828	216	237019	41.806	ng		99
41) Hexachlorocyclopentadiene	8.816	237	130361	42.947	ng		97
43) 2,4,6-Trichlorophenol	8.939	196	165474	41.820	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.980	196	179737	42.095	ng		97
46)	1,1'-Biphenyl	9.127	154	640995	41.314	ng		100
47)	2-Chloronaphthalene	9.151	162	508739	40.534	ng		98
48)	2-Nitroaniline	9.251	65	162268	38.763	ng		98
49)	Acenaphthylene	9.563	152	763625	40.579	ng		100
50)	Dimethylphthalate	9.439	163	590931	41.179	ng		99
51)	2,6-Dinitrotoluene	9.498	165	126830	42.260	ng	#	82
52)	Acenaphthene	9.739	154	498646m	40.330	ng		
53)	3-Nitroaniline	9.663	138	137932	41.246	ng		99
54)	2,4-Dinitrophenol	9.763	184	60192	40.336	ng		99
55)	Dibenzofuran	9.910	168	687802	39.994	ng		99
56)	4-Nitrophenol	9.822	139	101279	41.581	ng		90
57)	2,4-Dinitrotoluene	9.898	165	166771	43.481	ng		85
58)	Fluorene	10.251	166	567345	40.339	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.027	232	140863	42.149	ng		96
60)	Diethylphthalate	10.133	149	583523	40.549	ng		99
61)	4-Chlorophenyl-phenyle...	10.245	204	254409	41.234	ng		99
62)	4-Nitroaniline	10.274	138	139087	41.402	ng		96
63)	Azobenzene	10.404	77	566903	38.258	ng		99
65)	4,6-Dinitro-2-methylph...	10.298	198	83830	43.146	ng		97
66)	n-Nitrosodiphenylamine	10.369	169	473311	40.581	ng		98
67)	4-Bromophenyl-phenylether	10.733	248	164551	42.737	ng		96
68)	Hexachlorobenzene	10.792	284	184491	42.270	ng		99
69)	Atrazine	10.892	200	138503	40.635	ng		97
70)	Pentachlorophenol	10.986	266	102098	43.586	ng		97
71)	Phenanthrene	11.210	178	787945	40.210	ng		99
72)	Anthracene	11.257	178	768974	40.664	ng		99
73)	Carbazole	11.416	167	678976	39.785	ng		100
74)	Di-n-butylphthalate	11.751	149	860385	41.807	ng		100
75)	Fluoranthene	12.392	202	775912	40.977	ng		96
77)	Benzidine	12.515	184	200031	33.466	ng		99
78)	Pyrene	12.616	202	767321	42.600	ng		100
80)	Butylbenzylphthalate	13.245	149	296399	44.419	ng		95
81)	Benzo(a)anthracene	13.798	228	561457	40.990	ng		99
82)	3,3'-Dichlorobenzidine	13.768	252	172494	46.262	ng		99
83)	Chrysene	13.839	228	536461	41.248	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.804	149	332184	43.461	ng		99
85)	Di-n-octyl phthalate	14.415	149	510328	43.653	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.527	276	527494	43.524	ng		99
88)	Benzo(b)fluoranthene	14.809	252	452756	40.588	ng		98
89)	Benzo(k)fluoranthene	14.839	252	447020	40.738	ng		98
90)	Benzo(a)pyrene	15.139	252	367326	41.565	ng		99
91)	Dibenzo(a,h)anthracene	16.545	278	438040	44.058	ng		99
92)	Benzo(g,h,i)perylene	16.927	276	431829	43.116	ng		99

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

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