Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135200.D
Acq On : 13 Sep 2023 01:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 13 02:49:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

09/13/2023

Supervised By :mohammad ahmed

09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	107567	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	432537	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	225071	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	436306	20.000	ng	0.00
76) Chrysene-d12	13.945	240	219193	20.000	ng	0.00
86) Perylene-d12	15.404	264	217557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	520751	78.739	ng	0.00
7) Phenol-d6	6.404	99	670175	79.692	ng	0.00
23) Nitrobenzene-d5	7.334	82	634567	79.706	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	180698	80.789	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1135196	76.096	ng	0.00
79) Terphenyl-d14	12.886	244	1184819	83.794	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	116851	40.304	ng	99
3) Pyridine	3.216	79	316349	40.542	ng	97
4) n-Nitrosodimethylamine	3.193	42	169621	40.964	ng	97
6) Aniline	6.434	93	440846	39.976	ng	99
8) 2-Chlorophenol	6.551	128	280995	39.801	ng	98
9) Benzaldehyde	6.322	77	188238	39.292	ng	100
10) Phenol	6.422	94	368556	39.967	ng	96
11) bis(2-Chloroethyl)ether	6.510	93	276335	39.949	ng	99
12) 1,3-Dichlorobenzene	6.704	146	287760	40.105	ng	98
13) 1,4-Dichlorobenzene	6.781	146	288490	39.520	ng	100
14) 1,2-Dichlorobenzene	6.934	146	265649	39.186	ng	99
15) Benzyl Alcohol	6.910	79	240425	39.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	508566	39.006	ng	99
17) 2-Methylphenol	7.022	107	251089	40.302	ng	98
18) Hexachloroethane	7.269	117	107004	39.671	ng	92
19) n-Nitroso-di-n-propyla...	7.187	70	203657	39.098	ng	98
20) 3+4-Methylphenols	7.181	107	293111	39.125	ng	98
22) Acetophenone	7.181	105	379807	38.407	ng	98
24) Nitrobenzene	7.351	77	313572	39.849	ng	99
25) Isophorone	7.587	82	574595	39.304	ng	98
26) 2-Nitrophenol	7.663	139	152891	40.483	ng	99
27) 2,4-Dimethylphenol	7.704	122	248673	39.172	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	347252	39.686	ng	99
29) 2,4-Dichlorophenol	7.904	162	234587	39.880	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	239976	39.031	ng	99
31) Naphthalene	8.069	128	825429	39.277	ng	100
32) Benzoic acid	7.834	122	186953m	39.110	ng	
33) 4-Chloroaniline	8.122	127	363542	39.428	ng	98
34) Hexachlorobutadiene	8.181	225	146291	39.460	ng	98
35) Caprolactam	8.504	113	82355	41.716	ng	88
36) 4-Chloro-3-methylphenol	8.604	107	262560	40.161	ng	100
37) 2-Methylnaphthalene	8.757	142	549998	38.933	ng	100
38) 1-Methylnaphthalene	8.857	142	516468	39.050	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	257073	39.425	ng	99
41) Hexachlorocyclopentadiene	8.910	237	86789	34.803	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	166863	39.085	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	195820	39.829	ng		99
46) 1,1'-Biphenyl	9.222	154	671181	38.805	ng		98
47) 2-Chloronaphthalene	9.245	162	486876	38.796	ng		98
48) 2-Nitroaniline	9.351	65	195091	40.015	ng		98
49) Acenaphthylene	9.663	152	811398	38.904	ng		99
50) Dimethylphthalate	9.533	163	599869	39.421	ng		99
51) 2,6-Dinitrotoluene	9.592	165	135017	40.502	ng		98
52) Acenaphthene	9.833	154	491875	39.922	ng		96
53) 3-Nitroaniline	9.763	138	155536	39.748	ng		97
54) 2,4-Dinitrophenol	9.875	184	55616	33.341	ng		95
55) Dibenzofuran	10.010	168	729342	38.792	ng		100
56) 4-Nitrophenol	9.928	139	101733	40.907	ng		97
57) 2,4-Dinitrotoluene	9.998	165	168388	40.349	ng		96
58) Fluorene	10.351	166	565919	39.154	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	150347	39.753	ng		100
60) Diethylphthalate	10.233	149	609664	39.921	ng		100
61) 4-Chlorophenyl-phenyle...	10.345	204	271588	39.116	ng		96
62) 4-Nitroaniline	10.380	138	152393	40.515	ng		96
63) Azobenzene	10.504	77	591877	39.600	ng		97
65) 4,6-Dinitro-2-methylph...	10.410	198	89626	38.676	ng		98
66) n-Nitrosodiphenylamine	10.469	169	520154	39.379	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	173630	40.013	ng		98
68) Hexachlorobenzene	10.898	284	175472	39.692	ng	#	90
69) Atrazine	10.998	200	145225	40.860	ng		99
70) Pentachlorophenol	11.098	266	105250	39.792	ng		96
71) Phenanthrene	11.316	178	806212	39.069	ng		99
72) Anthracene	11.369	178	831322	39.193	ng		99
73) Carbazole	11.527	167	772876	40.027	ng		99
74) Di-n-butylphthalate	11.863	149	947140	41.628	ng		100
75) Fluoranthene	12.510	202	854952	39.762	ng		99
77) Benzidine	12.639	184	206383	45.959	ng		99
78) Pyrene	12.739	202	859676	41.194	ng		100
80) Butylbenzylphthalate	13.368	149	336518	45.800	ng		99
81) Benzo(a)anthracene	13.939	228	555953	39.279	ng		100
82) 3,3'-Dichlorobenzidine	13.904	252	189248	42.806	ng		99
83) Chrysene	13.974	228	551978	39.225	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	375921	49.858	ng		99
85) Di-n-octyl phthalate	14.551	149	546297	45.592	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	592272	41.521	ng		99
88) Benzo(b)fluoranthene	14.980	252	470725	39.969	ng		98
89) Benzo(k)fluoranthene	15.010	252	451789	38.834	ng		98
90) Benzo(a)pyrene	15.345	252	448897	39.969	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	483850	41.456	ng		97
92) Benzo(g,h,i)perylene	17.333	276	500193	41.036	ng		98

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

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