Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
Data File : BF135163.D
Acq On : 11 Sep 2023 14:54
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 12 00:11:40 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 00:05:33 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
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	104159	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	418623	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	212268	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	416597	20.000	ng	0.00
76) Chrysene-d12	13.945	240	211067	20.000	ng	0.00
86) Perylene-d12	15.409	264	204799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	511696	79.902	ng	0.00
7) Phenol-d6	6.404	99	654176	80.334	ng	0.00
23) Nitrobenzene-d5	7.333	82	613206	79.583	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	166033	78.710	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1081521	76.870	ng	0.00
79) Terphenyl-d14	12.892	244	1063079	78.078	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	111693	39.785	ng	100
3) Pyridine	3.216	79	310209	41.055	ng	100
4) n-Nitrosodimethylamine	3.187	42	164070	40.920	ng	100
6) Aniline	6.433	93	427896	40.071	ng	100
8) 2-Chlorophenol	6.551	128	275096	40.240	ng	100
9) Benzaldehyde	6.322	77	181777	39.185	ng	100
10) Phenol	6.422	94	359578	40.269	ng	100
11) bis(2-Chloroethyl)ether	6.510	93	270411	40.372	ng	100
12) 1,3-Dichlorobenzene	6.704	146	277563	39.950	ng	100
13) 1,4-Dichlorobenzene	6.781	146	280811	39.726	ng	100
14) 1,2-Dichlorobenzene	6.933	146	258607	39.396	ng	100
15) Benzyl Alcohol	6.910	79	236304	40.439	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	511029	40.477	ng	100
17) 2-Methylphenol	7.022	107	243943	40.436	ng	100
18) Hexachloroethane	7.275	117	105016	40.208	ng	100
19) n-Nitroso-di-n-propyla...	7.186	70	198649	39.384	ng	100
20) 3+4-Methylphenols	7.181	107	285035	39.292	ng	100
22) Acetophenone	7.181	105	371942	38.862	ng	100
24) Nitrobenzene	7.351	77	305578	40.124	ng	100
25) Isophorone	7.592	82	559388	39.536	ng	100
26) 2-Nitrophenol	7.663	139	146710	40.137	ng	100
27) 2,4-Dimethylphenol	7.704	122	240961	39.219	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	329873	38.953	ng	100
29) 2,4-Dichlorophenol	7.904	162	225436	39.598	ng	100
30) 1,2,4-Trichlorobenzene	7.986	180	234662	39.435	ng	100
31) Naphthalene	8.069	128	801020	39.382	ng	100
32) Benzoic acid	7.833	122	193194m	42.161	ng	
33) 4-Chloroaniline	8.122	127	351726	39.414	ng	100
34) Hexachlorobutadiene	8.180	225	141074	39.317	ng	100
35) Caprolactam	8.498	113	75383m	39.458	ng	
36) 4-Chloro-3-methylphenol	8.604	107	252027	39.831	ng	100
37) 2-Methylnaphthalene	8.757	142	529332	38.716	ng	100
38) 1-Methylnaphthalene	8.857	142	496867	38.816	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	245185	39.870	ng	100
41) Hexachlorocyclopentadiene	8.910	237	93538	38.718	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	160958	39.976	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	187268	40.387	ng	100
46) 1,1'-Biphenyl	9.227	154	647709	39.706	ng	100
47) 2-Chloronaphthalene	9.251	162	465073	39.294	ng	100
48) 2-Nitroaniline	9.351	65	184734	40.176	ng	100
49) Acenaphthylene	9.663	152	779594	39.634	ng	100
50) Dimethylphthalate	9.533	163	556161	38.753	ng	100
51) 2,6-Dinitrotoluene	9.592	165	125357	39.873	ng	100
52) Acenaphthene	9.839	154	453658	39.041	ng	100
53) 3-Nitroaniline	9.763	138	147149	39.873	ng	100
54) 2,4-Dinitrophenol	9.874	184	62146	38.348	ng	100
55) Dibenzofuran	10.010	168	693325	39.101	ng	100
56) 4-Nitrophenol	9.927	139	97787	41.692	ng	100
57) 2,4-Dinitrotoluene	10.004	165	159647	40.561	ng	100
58) Fluorene	10.351	166	529524	38.845	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	141405	39.644	ng	100
60) Diethylphthalate	10.233	149	568740	39.488	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	252437	38.551	ng	100
62) 4-Nitroaniline	10.380	138	143284	40.391	ng	100
63) Azobenzene	10.510	77	555591	39.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	87546	39.566	ng	100
66) n-Nitrosodiphenylamine	10.469	169	485988	38.533	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	159154	38.412	ng	100
68) Hexachlorobenzene	10.904	284	163759	38.795	ng	100
69) Atrazine	10.998	200	130654	38.500	ng	100
70) Pentachlorophenol	11.098	266	105629	41.927	ng	100
71) Phenanthrene	11.321	178	766761	38.915	ng	100
72) Anthracene	11.368	178	780539	38.540	ng	100
73) Carbazole	11.527	167	719061	39.002	ng	100
74) Di-n-butylphthalate	11.863	149	852369	39.235	ng	100
75) Fluoranthene	12.510	202	800390	38.985	ng	100
77) Benzidine	12.639	184	155428	35.945	ng	100
78) Pyrene	12.739	202	798592	39.740	ng	100
80) Butylbenzylphthalate	13.368	149	290355	41.039	ng	100
81) Benzo(a)anthracene	13.939	228	536457	39.361	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	170145	39.967	ng	100
83) Chrysene	13.974	228	533250	39.353	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	294065	40.503	ng	100
85) Di-n-octyl phthalate	14.551	149	472849	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	563706	41.980	ng	100
88) Benzo(b)fluoranthene	14.986	252	441186	39.795	ng	100
89) Benzo(k)fluoranthene	15.015	252	431283	39.381	ng	100
90) Benzo(a)pyrene	15.345	252	429028	40.580	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	455674	41.474	ng	100
92) Benzo(g,h,i)perylene	17.327	276	483591	42.145	ng	100

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

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