Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135643.D
Acq On : 09 Oct 2023 10:16
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 09 10:52:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	145275	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	538945	20.000	ng	#	0.00
39) Acenaphthene-d10	9.780	164	267189	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	500261	20.000	ng	#	0.00
76) Chrysene-d12	13.939	240	254627	20.000	ng		0.01
86) Perylene-d12	15.404	264	263296	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	684768	76.664	ng		0.00
7) Phenol-d6	6.398	99	829011	72.992	ng		0.01
23) Nitrobenzene-d5	7.310	82	790347	79.672	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	192663	72.560	ng		0.01
45) 2-Fluorobiphenyl	9.104	172	1303169	73.585	ng		0.00
79) Terphenyl-d14	12.874	244	1306945	79.568	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	159032	40.615	ng		96
3) Pyridine	3.175	79	427807	40.595	ng		97
4) n-Nitrosodimethylamine	3.151	42	226471	40.497	ng		96
6) Aniline	6.410	93	527836	35.440	ng	#	40
8) 2-Chlorophenol	6.534	128	362756	38.045	ng		98
9) Benzaldehyde	6.298	77	229839	35.523	ng		97
10) Phenol	6.410	94	441969	35.488	ng	#	66
11) bis(2-Chloroethyl)ether	6.486	93	358124	38.335	ng		99
12) 1,3-Dichlorobenzene	6.681	146	365678	37.736	ng		97
13) 1,4-Dichlorobenzene	6.757	146	366819	37.207	ng		98
14) 1,2-Dichlorobenzene	6.910	146	335384	36.632	ng		99
15) Benzyl Alcohol	6.892	79	273640	33.575	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	659381	37.446	ng		77
17) 2-Methylphenol	7.010	107	313964	37.313	ng	#	94
18) Hexachloroethane	7.245	117	138285	37.961	ng		94
19) n-Nitroso-di-n-propyla...	7.163	70	253131	35.982	ng		95
20) 3+4-Methylphenols	7.169	107	389144	38.461	ng	#	66
22) Acetophenone	7.157	105	480205	38.972	ng		93
24) Nitrobenzene	7.333	77	398529	40.646	ng		97
25) Isophorone	7.569	82	727490	39.938	ng		99
26) 2-Nitrophenol	7.645	139	196931	41.848	ng		96
27) 2,4-Dimethylphenol	7.686	122	320530	40.523	ng		100
28) bis(2-Chloroethoxy)met...	7.775	93	443773	40.703	ng		100
29) 2,4-Dichlorophenol	7.892	162	295864	40.367	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	297220	38.797	ng		99
31) Naphthalene	8.045	128	1028356	39.272	ng		99
32) Benzoic acid	7.839	122	213964	35.923	ng		99
33) 4-Chloroaniline	8.104	127	453707	39.491	ng		100
34) Hexachlorobutadiene	8.157	225	178326	38.604	ng		97
35) Caprolactam	8.480	113	104492	42.479	ng		96
36) 4-Chloro-3-methylphenol	8.598	107	324013	39.775	ng		97
37) 2-Methylnaphthalene	8.739	142	679287	38.592	ng		100
38) 1-Methylnaphthalene	8.833	142	629463	38.196	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	303703	39.235	ng		100
41) Hexachlorocyclopentadiene	8.886	237	153608	48.263	ng		100
43) 2,4,6-Trichlorophenol	9.027	196	198960	39.257	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	225783	38.684	ng		98
46) 1,1'-Biphenyl	9.204	154	807945	39.348	ng		98
47) 2-Chloronaphthalene	9.227	162	582221	39.081	ng		98
48) 2-Nitroaniline	9.339	65	238883	41.274	ng		98
49) Acenaphthylene	9.645	152	940959	38.004	ng		99
50) Dimethylphthalate	9.510	163	701700	38.844	ng		100
51) 2,6-Dinitrotoluene	9.580	165	153286	38.734	ng		99
52) Acenaphthene	9.816	154	576864	39.440	ng		97
53) 3-Nitroaniline	9.751	138	188236	40.522	ng		99
54) 2,4-Dinitrophenol	9.874	184	118688	54.952	ng		97
55) Dibenzofuran	9.986	168	830533	37.211	ng		96
56) 4-Nitrophenol	9.939	139	119790	40.575	ng		99
57) 2,4-Dinitrotoluene	9.992	165	185091	37.360	ng		84
58) Fluorene	10.333	166	669515	39.019	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	172789	38.486	ng		98
60) Diethylphthalate	10.210	149	711729	39.258	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	321383	38.991	ng		98
62) 4-Nitroaniline	10.374	138	181435m	40.633	ng		
63) Azobenzene	10.486	77	725319	40.879	ng		97
65) 4,6-Dinitro-2-methylph...	10.410	198	108697	40.909	ng		89
66) n-Nitrosodiphenylamine	10.451	169	612743	40.458	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	197439	39.683	ng		94
68) Hexachlorobenzene	10.886	284	199452	39.349	ng		93
69) Atrazine	10.980	200	160062	39.278	ng		97
70) Pentachlorophenol	11.092	266	117208	38.648	ng		99
71) Phenanthrene	11.304	178	956029	40.407	ng		99
72) Anthracene	11.357	178	996300	40.966	ng		99
73) Carbazole	11.516	167	926366	41.843	ng		99
74) Di-n-butylphthalate	11.839	149	1121932	43.006	ng		100
75) Fluoranthene	12.498	202	1005378	40.780	ng		99
77) Benzidine	12.627	184	171635	32.902	ng		98
78) Pyrene	12.727	202	1003566	41.397	ng		100
80) Butylbenzylphthalate	13.351	149	391850	45.909	ng		97
81) Benzo(a)anthracene	13.927	228	664689	40.426	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	201900	39.313	ng	#	99
83) Chrysene	13.968	228	648337	39.661	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	446071	50.928	ng		99
85) Di-n-octyl phthalate	14.527	149	615276	44.203	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	738845	42.798	ng		98
88) Benzo(b)fluoranthene	14.980	252	507993m	35.641	ng		
89) Benzo(k)fluoranthene	15.009	252	533369	37.882	ng		99
90) Benzo(a)pyrene	15.345	252	525713	38.677	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	599075	42.412	ng		98
92) Benzo(g,h,i)perylene	17.356	276	643707	43.635	ng		99

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

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