Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
Data File : BF135574.D
Acq On : 04 Oct 2023 16:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 23:13:41 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 :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	130662	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	511500	20.000	ng	#	0.00
39) Acenaphthene-d10	9.775	164	257607	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	490746	20.000	ng		0.00
76) Chrysene-d12	13.927	240	253112	20.000	ng		0.00
86) Perylene-d12	15.386	264	264746	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	621912	77.414	ng		0.00
7) Phenol-d6	6.393	99	783291	76.679	ng		0.00
23) Nitrobenzene-d5	7.310	82	732086	77.759	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	180104	70.353	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1242159	72.749	ng		0.00
79) Terphenyl-d14	12.863	244	1238880	75.876	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.422	88	149420	42.428	ng		96
3) Pyridine	3.163	79	392345	41.394	ng		99
4) n-Nitrosodimethylamine	3.140	42	208373	41.428	ng		99
6) Aniline	6.410	93	501184	37.414	ng	#	83
8) 2-Chlorophenol	6.528	128	334745	39.033	ng		98
9) Benzaldehyde	6.298	77	190420	32.722	ng		98
10) Phenol	6.404	94	427063	38.126	ng		78
11) bis(2-Chloroethyl)ether	6.481	93	338106	40.240	ng		98
12) 1,3-Dichlorobenzene	6.675	146	328958	37.744	ng		99
13) 1,4-Dichlorobenzene	6.757	146	329055	37.109	ng		98
14) 1,2-Dichlorobenzene	6.910	146	307088	37.292	ng		98
15) Benzyl Alcohol	6.893	79	246208	33.588	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	604813	38.189	ng		79
17) 2-Methylphenol	7.004	107	287544	37.995	ng		96
18) Hexachloroethane	7.240	117	124380	37.963	ng		89
19) n-Nitroso-di-n-propyla...	7.157	70	229146	36.216	ng		93
20) 3+4-Methylphenols	7.163	107	355594	39.076	ng	#	71
22) Acetophenone	7.151	105	454243	38.843	ng		92
24) Nitrobenzene	7.328	77	377104	40.525	ng		98
25) Isophorone	7.563	82	698216	40.387	ng		98
26) 2-Nitrophenol	7.640	139	189407	42.409	ng		95
27) 2,4-Dimethylphenol	7.681	122	301275	40.132	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	417767	40.374	ng		98
29) 2,4-Dichlorophenol	7.887	162	277336	39.869	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	277698	38.194	ng		100
31) Naphthalene	8.040	128	963395	38.765	ng		100
32) Benzoic acid	7.822	122	207979	36.792	ng		98
33) 4-Chloroaniline	8.098	127	441820	40.520	ng		98
34) Hexachlorobutadiene	8.151	225	156369	35.667	ng		97
35) Caprolactam	8.469	113	101562	43.503	ng		97
36) 4-Chloro-3-methylphenol	8.592	107	306276	39.615	ng		93
37) 2-Methylnaphthalene	8.734	142	646659	38.709	ng		99
38) 1-Methylnaphthalene	8.828	142	592529	37.884	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	288158	38.611	ng		100
41) Hexachlorocyclopentadiene	8.881	237	141340	46.398	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	185552	37.973	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	215923	38.371	ng		97
46) 1,1'-Biphenyl	9.198	154	767322	38.760	ng		99
47) 2-Chloronaphthalene	9.222	162	565154	39.346	ng		99
48) 2-Nitroaniline	9.328	65	240170	43.039	ng		95
49) Acenaphthylene	9.639	152	907426	38.013	ng		99
50) Dimethylphthalate	9.504	163	693413	39.813	ng		99
51) 2,6-Dinitrotoluene	9.575	165	154480	40.488	ng		88
52) Acenaphthene	9.810	154	558541	39.608	ng		97
53) 3-Nitroaniline	9.745	138	185756	41.475	ng		99
54) 2,4-Dinitrophenol	9.863	184	112156	53.984	ng		94
55) Dibenzofuran	9.981	168	796163	36.998	ng		98
56) 4-Nitrophenol	9.928	139	114383	40.184	ng		95
57) 2,4-Dinitrotoluene	9.986	165	181233	37.942	ng		97
58) Fluorene	10.328	166	635909	38.439	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	158681	36.658	ng		99
60) Diethylphthalate	10.204	149	686771	39.290	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	304416	38.307	ng		97
62) 4-Nitroaniline	10.363	138	159677	37.090	ng		98
63) Azobenzene	10.481	77	702224	41.049	ng		97
65) 4,6-Dinitro-2-methylph...	10.398	198	108221	41.520	ng		90
66) n-Nitrosodiphenylamine	10.445	169	585513	39.409	ng		98
67) 4-Bromophenyl-phenylether	10.810	248	189242	38.773	ng		97
68) Hexachlorobenzene	10.875	284	193686	38.952	ng	#	89
69) Atrazine	10.975	200	148890	37.244	ng		99
70) Pentachlorophenol	11.080	266	112021	37.654	ng		98
71) Phenanthrene	11.292	178	924635	39.837	ng		98
72) Anthracene	11.345	178	951780	39.894	ng		100
73) Carbazole	11.510	167	888486	40.910	ng		99
74) Di-n-butylphthalate	11.833	149	1091896	42.667	ng		99
75) Fluoranthene	12.486	202	970367	40.123	ng		98
77) Benzidine	12.627	184	45422	8.759	ng		97
78) Pyrene	12.716	202	967984	40.168	ng		100
80) Butylbenzylphthalate	13.339	149	411626	48.515	ng		95
81) Benzo(a)anthracene	13.916	228	650919	39.826	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	212499	41.624	ng	#	98
83) Chrysene	13.951	228	653643	40.225	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	518195	59.517	ng		99
85) Di-n-octyl phthalate	14.516	149	746256	53.934	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	628076	36.183	ng		97
88) Benzo(b)fluoranthene	14.963	252	542566m	37.858	ng		
89) Benzo(k)fluoranthene	14.992	252	564268	39.858	ng		99
90) Benzo(a)pyrene	15.327	252	546171	39.962	ng		99
91) Dibenzo(a,h)anthracene	16.874	278	517039	36.403	ng		99
92) Benzo(g,h,i)perylene	17.310	276	531117	35.806	ng		98

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

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