Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135370.D
Acq On : 21 Sep 2023 09:51
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 11:48:50 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 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	143559	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	562148	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	273274	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	511665	20.000	ng		0.00
76) Chrysene-d12	13.945	240	261106	20.000	ng	#	0.00
86) Perylene-d12	15.409	264	273768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	698974	79.190	ng		0.00
7) Phenol-d6	6.410	99	873588	77.836	ng		0.00
23) Nitrobenzene-d5	7.328	82	802747	77.582	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	180018	66.288	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1257733	69.438	ng		0.00
79) Terphenyl-d14	12.886	244	1186443	70.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	172262	44.519	ng		95
3) Pyridine	3.210	79	464213	44.576	ng		97
4) n-Nitrosodimethylamine	3.181	42	235884	42.684	ng		95
6) Aniline	6.428	93	564883	38.381	ng	#	87
8) 2-Chlorophenol	6.551	128	371885	39.468	ng		95
9) Benzaldehyde	6.316	77	255898	40.023	ng		99
10) Phenol	6.422	94	465372	37.814	ng		85
11) bis(2-Chloroethyl)ether	6.504	93	378416	40.991	ng		99
12) 1,3-Dichlorobenzene	6.698	146	373418	38.996	ng		98
13) 1,4-Dichlorobenzene	6.775	146	375906	38.584	ng		99
14) 1,2-Dichlorobenzene	6.928	146	337820	37.339	ng		99
15) Benzyl Alcohol	6.910	79	283623	35.216	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	691993	39.768	ng		94
17) 2-Methylphenol	7.022	107	332698	40.012	ng		97
18) Hexachloroethane	7.263	117	142384	39.554	ng		90
19) n-Nitroso-di-n-propyla...	7.181	70	238459	34.302	ng		95
20) 3+4-Methylphenols	7.175	107	360115	36.017	ng		95
22) Acetophenone	7.175	105	464925	36.175	ng		97
24) Nitrobenzene	7.345	77	400635	39.174	ng		100
25) Isophorone	7.586	82	724440	38.129	ng		99
26) 2-Nitrophenol	7.663	139	199086	40.560	ng		92
27) 2,4-Dimethylphenol	7.704	122	324855	39.374	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	454866	39.999	ng		98
29) 2,4-Dichlorophenol	7.904	162	296217	38.747	ng		100
30) 1,2,4-Trichlorobenzene	7.981	180	303925	38.035	ng		99
31) Naphthalene	8.063	128	1029246	37.683	ng		99
32) Benzoic acid	7.833	122	229887m	37.003	ng		
33) 4-Chloroaniline	8.116	127	462826	38.622	ng		99
34) Hexachlorobutadiene	8.175	225	175739	36.474	ng		98
35) Caprolactam	8.498	113	101465	39.546	ng		95
36) 4-Chloro-3-methylphenol	8.604	107	322251	37.926	ng		99
37) 2-Methylnaphthalene	8.751	142	667032	36.331	ng		100
38) 1-Methylnaphthalene	8.851	142	627224	36.490	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	302707	38.235	ng		99
41) Hexachlorocyclopentadiene	8.904	237	100902	33.639	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	198366	38.268	ng		99

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44) 2,4,5-Trichlorophenol	9.080	196	233925	39.187	ng		98
46) 1,1'-Biphenyl	9.222	154	795461	37.878	ng		98
47) 2-Chloronaphthalene	9.245	162	579910	38.059	ng		98
48) 2-Nitroaniline	9.345	65	238104	40.223	ng		96
49) Acenaphthylene	9.657	152	944420	37.295	ng		99
50) Dimethylphthalate	9.527	163	697602	37.757	ng		100
51) 2,6-Dinitrotoluene	9.592	165	157756	38.976	ng		90
52) Acenaphthene	9.833	154	573228	38.319	ng		96
53) 3-Nitroaniline	9.763	138	192617	40.542	ng		95
54) 2,4-Dinitrophenol	9.880	184	78709	37.827	ng		90
55) Dibenzofuran	10.004	168	812792	35.605	ng		98
56) 4-Nitrophenol	9.933	139	110352	36.546	ng		95
57) 2,4-Dinitrotoluene	9.998	165	179911	35.506	ng		85
58) Fluorene	10.351	166	637393	36.320	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.127	232	170776	37.190	ng		98
60) Diethylphthalate	10.227	149	678980	36.618	ng		100
61) 4-Chlorophenyl-phenyle...	10.339	204	301706	35.789	ng		96
62) 4-Nitroaniline	10.380	138	187082	40.964	ng		92
63) Azobenzene	10.504	77	712608	39.268	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	108214	39.819	ng		85
66) n-Nitrosodiphenylamine	10.463	169	595738	38.458	ng		100
67) 4-Bromophenyl-phenylether	10.833	248	189439	37.226	ng		98
68) Hexachlorobenzene	10.898	284	188870	36.430	ng	#	92
69) Atrazine	10.992	200	151346	36.311	ng		99
70) Pentachlorophenol	11.098	266	119111	38.400	ng		96
71) Phenanthrene	11.316	178	915260	37.821	ng		99
72) Anthracene	11.369	178	950443	38.209	ng		99
73) Carbazole	11.527	167	887707	39.203	ng		99
74) Di-n-butylphthalate	11.857	149	1039890	38.973	ng		100
75) Fluoranthene	12.510	202	946674	37.543	ng		98
77) Benzidine	12.633	184	224439	41.957	ng		99
78) Pyrene	12.739	202	953797	38.368	ng		100
80) Butylbenzylphthalate	13.363	149	364794	41.679	ng		92
81) Benzo(a)anthracene	13.939	228	662069	39.268	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	231437	43.946	ng		100
83) Chrysene	13.974	228	653091	38.960	ng		100
84) Bis(2-ethylhexyl)phtha...	13.927	149	417938	46.532	ng		98
85) Di-n-octyl phthalate	14.545	149	688074	48.206	ng		100
87) Indeno(1,2,3-cd)pyrene	16.903	276	693313	38.625	ng		96
88) Benzo(b)fluoranthene	14.986	252	553304	37.335	ng	#	97
89) Benzo(k)fluoranthene	15.015	252	569312	38.889	ng	#	98
90) Benzo(a)pyrene	15.351	252	555244	39.287	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	558191	38.006	ng		99
92) Benzo(g,h,i)perylene	17.351	276	593415	38.688	ng		95

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

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