Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
Data File : BF135465.D
Acq On : 27 Sep 2023 11:02
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 01:37:42 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 26 01:36:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	172773	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	689749	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	345537	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	645623	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	295837	20.000	ng		0.00
86) Perylene-d12	15.410	264	279676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	847890	79.818	ng		0.00
7) Phenol-d6	6.410	99	1065063	78.850	ng		0.00
23) Nitrobenzene-d5	7.328	82	981052	77.274	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	222856	64.901	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1561464	68.178	ng		0.00
79) Terphenyl-d14	12.886	244	1468494	76.949	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	210294	45.159	ng		93
3) Pyridine	3.199	79	582385	46.467	ng		94
4) n-Nitrosodimethylamine	3.169	42	282787	42.519	ng		93
6) Aniline	6.428	93	685980	38.728	ng	#	93
8) 2-Chlorophenol	6.545	128	451926	39.853	ng		98
9) Benzaldehyde	6.316	77	315726	41.031	ng		98
10) Phenol	6.422	94	567065	38.286	ng	#	75
11) bis(2-Chloroethyl)ether	6.498	93	464531	41.811	ng		99
12) 1,3-Dichlorobenzene	6.698	146	450861	39.122	ng		97
13) 1,4-Dichlorobenzene	6.775	146	455274	38.829	ng		99
14) 1,2-Dichlorobenzene	6.928	146	410133	37.666	ng		96
15) Benzyl Alcohol	6.904	79	343933	35.484	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	838981	40.063	ng		86
17) 2-Methylphenol	7.022	107	400759	40.048	ng		96
18) Hexachloroethane	7.263	117	170177	39.281	ng		95
19) n-Nitroso-di-n-propyla...	7.175	70	305746	36.544	ng		94
20) 3+4-Methylphenols	7.175	107	457596	38.028	ng		90
22) Acetophenone	7.169	105	585088	37.103	ng		95
24) Nitrobenzene	7.345	77	497903	39.679	ng		96
25) Isophorone	7.581	82	933411	40.039	ng		97
26) 2-Nitrophenol	7.657	139	243665	40.459	ng		96
27) 2,4-Dimethylphenol	7.698	122	404877	39.995	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	573948	41.133	ng		100
29) 2,4-Dichlorophenol	7.904	162	363628	38.765	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	371475	37.888	ng		99
31) Naphthalene	8.057	128	1281615	38.242	ng		99
32) Benzoic acid	7.834	122	266771m	34.996	ng		
33) 4-Chloroaniline	8.116	127	572986	38.969	ng		98
34) Hexachlorobutadiene	8.169	225	211403	35.759	ng		99
35) Caprolactam	8.498	113	132212	41.996	ng		94
36) 4-Chloro-3-methylphenol	8.604	107	405015	38.849	ng		98
37) 2-Methylnaphthalene	8.751	142	827403	36.729	ng		99
38) 1-Methylnaphthalene	8.851	142	771942	36.601	ng		98
40) 1,2,4,5-Tetrachloroben...	8.916	216	376185	37.579	ng		99
41) Hexachlorocyclopentadiene	8.898	237	152322	38.730	ng		99
43) 2,4,6-Trichlorophenol	9.033	196	246784	37.652	ng		100

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44) 2,4,5-Trichlorophenol	9.081	196	284624	37.709	ng		99
46) 1,1'-Biphenyl	9.216	154	999001	37.621	ng		98
47) 2-Chloronaphthalene	9.239	162	729717	37.875	ng		99
48) 2-Nitroaniline	9.345	65	302643	40.434	ng		98
49) Acenaphthylene	9.657	152	1179154	36.826	ng		99
50) Dimethylphthalate	9.522	163	888798	38.045	ng		99
51) 2,6-Dinitrotoluene	9.592	165	196187	38.334	ng		88
52) Acenaphthene	9.828	154	720369	38.084	ng		97
53) 3-Nitroaniline	9.763	138	242021	40.287	ng		94
54) 2,4-Dinitrophenol	9.880	184	83871	32.861	ng		87
55) Dibenzofuran	10.004	168	1015861	35.194	ng		98
56) 4-Nitrophenol	9.939	139	125224m	32.798	ng		
57) 2,4-Dinitrotoluene	9.998	165	225711	35.229	ng	#	81
58) Fluorene	10.345	166	810411	36.521	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	207324	35.707	ng		99
60) Diethylphthalate	10.222	149	876513	37.385	ng		100
61) 4-Chlorophenyl-phenyle...	10.339	204	380724	35.717	ng		93
62) 4-Nitroaniline	10.380	138	218251	37.795	ng		96
63) Azobenzene	10.498	77	919939	40.091	ng		97
65) 4,6-Dinitro-2-methylph...	10.416	198	128910	37.593	ng		89
66) n-Nitrosodiphenylamine	10.463	169	751147	38.430	ng		99
67) 4-Bromophenyl-phenylether	10.827	248	243193	37.873	ng		96
68) Hexachlorobenzene	10.898	284	238504	36.459	ng		95
69) Atrazine	10.992	200	190634	36.247	ng		98
70) Pentachlorophenol	11.098	266	136598	34.901	ng		96
71) Phenanthrene	11.310	178	1136244	37.211	ng		99
72) Anthracene	11.363	178	1196512	38.121	ng		99
73) Carbazole	11.527	167	1107263	38.753	ng		98
74) Di-n-butylphthalate	11.857	149	1328369	39.455	ng		100
75) Fluoranthene	12.510	202	1176207	36.967	ng		99
77) Benzidine	12.633	184	245561	40.517	ng		98
78) Pyrene	12.739	202	1184432	42.052	ng		100
80) Butylbenzylphthalate	13.363	149	462843	46.673	ng		99
81) Benzo(a)anthracene	13.933	228	762411	39.911	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	239041	40.061	ng	#	98
83) Chrysene	13.974	228	761741	40.107	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	525985	51.687	ng	#	100
85) Di-n-octyl phthalate	14.539	149	739793	45.745	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	774549	42.239	ng		96
88) Benzo(b)fluoranthene	14.986	252	565540	37.354	ng	#	98
89) Benzo(k)fluoranthene	15.015	252	569979	38.112	ng	#	98
90) Benzo(a)pyrene	15.351	252	576285	39.915	ng		100
91) Dibenzo(a,h)anthracene	16.909	278	623846	41.579	ng		99
92) Benzo(g,h,i)perylene	17.351	276	671389	42.846	ng	#	95

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

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