Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136220.D
Acq On : 27 Nov 2023 13:24
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 28 02:58:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 02:38:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	150366	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	668286	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	347361	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	683512	20.000	ng		0.00
76) Chrysene-d12	13.992	240	382614	20.000	ng		0.00
86) Perylene-d12	15.474	264	276152	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	449937	41.648	ng		0.00
7) Phenol-d6	6.439	99	561688	41.582	ng		0.00
23) Nitrobenzene-d5	7.369	82	519738	41.097	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	176193	41.489	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1139514	41.902	ng		0.00
79) Terphenyl-d14	12.933	244	1332257	40.164	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	82640	20.217	ng		97
3) Pyridine	3.351	79	211599	20.970	ng		99
4) n-Nitrosodimethylamine	3.304	42	102386	20.073	ng		96
6) Aniline	6.469	93	279211	21.868	ng		100
8) 2-Chlorophenol	6.592	128	242861	20.646	ng		93
9) Benzaldehyde	6.357	77	162737	21.615	ng		99
10) Phenol	6.451	94	301689	20.818	ng		92
11) bis(2-Chloroethyl)ether	6.545	93	218052	20.510	ng		99
12) 1,3-Dichlorobenzene	6.745	146	275811	20.661	ng		97
13) 1,4-Dichlorobenzene	6.822	146	279864	20.623	ng		97
14) 1,2-Dichlorobenzene	6.975	146	270231	21.034	ng		98
15) Benzyl Alcohol	6.945	79	203195	21.455	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	310778	21.045	ng		99
17) 2-Methylphenol	7.057	107	191456	20.703	ng		98
18) Hexachloroethane	7.316	117	99675	20.940	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	175554	21.730	ng		98
20) 3+4-Methylphenols	7.210	107	249145	20.729	ng		96
22) Acetophenone	7.216	105	360853	20.560	ng	#	87
24) Nitrobenzene	7.386	77	260887	20.357	ng		98
25) Isophorone	7.622	82	478093	20.966	ng		100
26) 2-Nitrophenol	7.698	139	111509	20.421	ng		96
27) 2,4-Dimethylphenol	7.739	122	146250	20.349	ng		95
28) bis(2-Chloroethoxy)met...	7.839	93	284937	20.658	ng		98
29) 2,4-Dichlorophenol	7.939	162	198052	20.430	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	239121	20.147	ng		97
31) Naphthalene	8.104	128	768983	20.472	ng		98
32) Benzoic acid	7.833	122	129096	19.709	ng		88
33) 4-Chloroaniline	8.157	127	269047	21.072	ng		98
34) Hexachlorobutadiene	8.222	225	141110	20.322	ng		98
35) Caprolactam	8.516	113	56324m	20.784	ng		
36) 4-Chloro-3-methylphenol	8.633	107	219212	20.849	ng		96
37) 2-Methylnaphthalene	8.798	142	489779	20.786	ng		98
38) 1-Methylnaphthalene	8.898	142	477299	20.765	ng		95
40) 1,2,4,5-Tetrachloroben...	8.963	216	222567	20.133	ng		99
41) Hexachlorocyclopentadiene	8.951	237	84866	19.951	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	146320	20.392	ng		95

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44) 2,4,5-Trichlorophenol	9.110	196	156988	20.049	ng		96
46) 1,1'-Biphenyl	9.263	154	637488	20.811	ng		97
47) 2-Chloronaphthalene	9.286	162	481628	20.246	ng		97
48) 2-Nitroaniline	9.380	65	130080	20.944	ng		98
49) Acenaphthylene	9.704	152	708511	20.871	ng		99
50) Dimethylphthalate	9.569	163	544325	20.733	ng		99
51) 2,6-Dinitrotoluene	9.627	165	113012	21.070	ng		97
52) Acenaphthene	9.874	154	449078m	20.933	ng		
53) 3-Nitroaniline	9.798	138	111623	20.974	ng		95
54) 2,4-Dinitrophenol	9.898	184	46271	18.549	ng		93
55) Dibenzofuran	10.051	168	672030	21.052	ng		97
56) 4-Nitrophenol	9.951	139	85015	21.033	ng		96
57) 2,4-Dinitrotoluene	10.027	165	149038	20.802	ng		87
58) Fluorene	10.392	166	528214	21.095	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	128378	20.618	ng		98
60) Diethylphthalate	10.269	149	543244	20.685	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	254189	20.903	ng		94
62) 4-Nitroaniline	10.410	138	110161	21.147	ng		98
63) Azobenzene	10.551	77	507768	20.855	ng		96
65) 4,6-Dinitro-2-methylph...	10.439	198	70287	18.805	ng		90
66) n-Nitrosodiphenylamine	10.504	169	434835	19.852	ng		100
67) 4-Bromophenyl-phenylether	10.880	248	156909	19.677	ng		96
68) Hexachlorobenzene	10.939	284	185300	20.078	ng	#	91
69) Atrazine	11.039	200	136390	20.990	ng		99
70) Pentachlorophenol	11.133	266	105720	20.265	ng		96
71) Phenanthrene	11.357	178	773588	20.137	ng		99
72) Anthracene	11.410	178	782421	20.309	ng		99
73) Carbazole	11.569	167	670368	20.459	ng		99
74) Di-n-butylphthalate	11.910	149	839806	20.485	ng		100
75) Fluoranthene	12.551	202	822236	21.083	ng		98
77) Benzidine	12.680	184	159584	25.373	ng		98
78) Pyrene	12.780	202	829331	19.792	ng		99
80) Butylbenzylphthalate	13.415	149	260778	19.996	ng		99
81) Benzo(a)anthracene	13.980	228	580279	20.418	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	135274	19.774	ng		94
83) Chrysene	14.015	228	551240	20.089	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	309857	19.798	ng		98
85) Di-n-octyl phthalate	14.598	149	404872	19.377	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	367022	19.467	ng		99
88) Benzo(b)fluoranthene	15.033	252	399620	20.626	ng		99
89) Benzo(k)fluoranthene	15.068	252	387739	21.072	ng		100
90) Benzo(a)pyrene	15.409	252	320219	20.218	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	296955	19.624	ng		98
92) Benzo(g,h,i)perylene	17.433	276	310921	19.863	ng		98

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

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