Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133586.D
Acq On : 06 Jun 2023 12:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 14:05:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 14:05:12 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/07/2023
Supervised By :mohammad ahmed
06/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	148887	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	543049	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	268641	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	522140	20.000	ng		0.00
76) Chrysene-d12	14.010	240	352298	20.000	ng		0.00
86) Perylene-d12	15.468	264	315954	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	674340	75.568	ng		0.00
7) Phenol-d6	6.463	99	830098	75.566	ng		0.00
23) Nitrobenzene-d5	7.404	82	758492	93.258	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	233614	87.239	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1325182	76.136	ng		0.00
79) Terphenyl-d14	12.957	244	1436794	72.512	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	153074	37.982	ng		100
3) Pyridine	3.310	79	424862	37.598	ng		97
4) n-Nitrosodimethylamine	3.269	42	218404	35.440	ng		96
6) Aniline	6.498	93	561300	37.633	ng		99
8) 2-Chlorophenol	6.622	128	347438	39.514	ng		94
9) Benzaldehyde	6.386	77	190141	33.534	ng		99
10) Phenol	6.481	94	426048m	38.662	ng		
11) bis(2-Chloroethyl)ether	6.575	93	332571	36.502	ng		99
12) 1,3-Dichlorobenzene	6.775	146	367203	37.617	ng		99
13) 1,4-Dichlorobenzene	6.851	146	369419	37.747	ng		99
14) 1,2-Dichlorobenzene	7.010	146	345666	38.275	ng		97
15) Benzyl Alcohol	6.975	79	321671	38.570	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	611914	35.411	ng		98
17) 2-Methylphenol	7.086	107	311409	37.399	ng		99
18) Hexachloroethane	7.351	117	132681	39.207	ng	#	88
19) n-Nitroso-di-n-propyla...	7.251	70	249226	35.065	ng		99
20) 3+4-Methylphenols	7.239	107	378136	40.168	ng		93
22) Acetophenone	7.251	105	452553	36.187	ng	#	91
24) Nitrobenzene	7.422	77	385064	44.433	ng		99
25) Isophorone	7.657	82	697979	36.822	ng		99
26) 2-Nitrophenol	7.733	139	184421	46.595	ng		98
27) 2,4-Dimethylphenol	7.775	122	309790	38.411	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	406371	36.971	ng		99
29) 2,4-Dichlorophenol	7.975	162	294329	40.563	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	296671	37.799	ng		98
31) Naphthalene	8.145	128	995048	37.795	ng		99
32) Benzoic acid	7.886	122	226718m	43.491	ng		
33) 4-Chloroaniline	8.192	127	435774	38.619	ng		97
34) Hexachlorobutadiene	8.257	225	185510	38.857	ng		99
35) Caprolactam	8.569	113	101339	42.584	ng		95
36) 4-Chloro-3-methylphenol	8.669	107	322431	39.668	ng		98
37) 2-Methylnaphthalene	8.833	142	683814	38.041	ng		99
38) 1-Methylnaphthalene	8.933	142	642526	38.345	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	302452	37.986	ng		99
41) Hexachlorocyclopentadiene	8.986	237	167543	41.062	ng		99
43) 2,4,6-Trichlorophenol	9.110	196	208090	40.843	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	242760	41.051	ng		98
46) 1,1'-Biphenyl	9.298	154	814534	37.320	ng		99
47) 2-Chloronaphthalene	9.322	162	590289	37.318	ng		99
48) 2-Nitroaniline	9.416	65	217812	43.313	ng		98
49) Acenaphthylene	9.739	152	1011539	37.473	ng		100
50) Dimethylphthalate	9.598	163	709533	37.579	ng		100
51) 2,6-Dinitrotoluene	9.663	165	157528	44.197	ng		86
52) Acenaphthene	9.910	154	631011	38.590	ng		98
53) 3-Nitroaniline	9.833	138	199008	44.469	ng	#	91
54) 2,4-Dinitrophenol	9.933	184	83909	54.243	ng		98
55) Dibenzofuran	10.086	168	915701	37.641	ng		97
56) 4-Nitrophenol	9.980	139	153345	47.470	ng		97
57) 2,4-Dinitrotoluene	10.063	165	208873	46.990	ng		89
58) Fluorene	10.427	166	678445	38.064	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	187777	42.162	ng		98
60) Diethylphthalate	10.298	149	714039	36.430	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	318241	37.186	ng		94
62) 4-Nitroaniline	10.445	138	197490	43.825	ng		98
63) Azobenzene	10.580	77	707318	36.051	ng		99
65) 4,6-Dinitro-2-methylph...	10.474	198	109819	50.809	ng	#	72
66) n-Nitrosodiphenylamine	10.539	169	613873	36.214	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	204109	36.809	ng		96
68) Hexachlorobenzene	10.974	284	216828	37.392	ng		97
69) Atrazine	11.063	200	171393	36.850	ng		98
70) Pentachlorophenol	11.163	266	155688	44.902	ng		99
71) Phenanthrene	11.392	178	975952	36.904	ng		100
72) Anthracene	11.439	178	1015701	37.317	ng		100
73) Carbazole	11.598	167	964843	37.484	ng		99
74) Di-n-butylphthalate	11.927	149	1090210	35.818	ng		99
75) Fluoranthene	12.580	202	1087888	37.242	ng		99
77) Benzidine	12.698	184	264297	25.650	ng		99
78) Pyrene	12.810	202	1132410	37.773	ng		99
80) Butylbenzylphthalate	13.433	149	466945	39.367	ng		96
81) Benzo(a)anthracene	13.998	228	893259	38.061	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	273143	37.230	ng		97
83) Chrysene	14.039	228	896322	37.832	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	577977	38.983	ng		99
85) Di-n-octyl phthalate	14.609	149	955607	38.691	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	794011	39.452	ng		99
88) Benzo(b)fluoranthene	15.045	252	728423	35.405	ng		99
89) Benzo(k)fluoranthene	15.074	252	742814	37.027	ng		99
90) Benzo(a)pyrene	15.409	252	688760	36.791	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	640428	39.248	ng		98
92) Benzo(g,h,i)perylene	17.374	276	655604	39.846	ng		99

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

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