Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130568.D
Acq On : 07 Oct 2022 10:05
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 01:40:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

10/10/2022
Supervised By :Jagrut Upadhyay

10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.622	152	97734	20.000	ng		0.00
21) Naphthalene-d8	7.904	136	365983	20.000	ng	#	0.00
39) Acenaphthene-d10	9.651	164	201588	20.000	ng		0.00
64) Phenanthrene-d10	11.133	188	376118	20.000	ng		0.00
76) Chrysene-d12	13.763	240	139813	20.000	ng		0.00
86) Perylene-d12	15.151	264	154880	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	571354	101.397	ng		0.00
7) Phenol-d6	6.269	99	559688	79.383	ng		0.00
23) Nitrobenzene-d5	7.192	82	556903	77.740	ng		0.00
42) 2,4,6-Tribromophenol	10.439	330	185185	95.871	ng		0.00
45) 2-Fluorobiphenyl	8.981	172	1042196	75.284	ng		0.00
79) Terphenyl-d14	12.716	244	898298	106.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.199	88	130777	50.535	ng		99
3) Pyridine	2.869	79	327116	48.456	ng		92
4) n-Nitrosodimethylamine	2.834	42	153002	41.672	ng	#	79
6) Aniline	6.287	93	332905	38.322	ng	#	63
8) 2-Chlorophenol	6.404	128	261047	40.669	ng		95
9) Benzaldehyde	6.169	77	178680	37.834	ng		95
10) Phenol	6.281	94	322070	38.980	ng	#	73
11) bis(2-Chloroethyl)ether	6.363	93	237857	39.912	ng		95
12) 1,3-Dichlorobenzene	6.557	146	283859	40.191	ng		98
13) 1,4-Dichlorobenzene	6.640	146	288807	40.099	ng		97
14) 1,2-Dichlorobenzene	6.787	146	267148	39.706	ng		100
15) Benzyl Alcohol	6.775	79	200076	35.792	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.904	45	304965	35.085	ng		86
17) 2-Methylphenol	6.892	107	214586	41.125	ng		98
18) Hexachloroethane	7.128	117	109654	38.624	ng		96
19) n-Nitroso-di-n-propyla...	7.045	70	179942	37.823	ng		93
20) 3+4-Methylphenols	7.045	107	273108	40.291	ng	#	71
22) Acetophenone	7.039	105	352255	39.368	ng		92
24) Nitrobenzene	7.210	77	281215	38.660	ng		98
25) Isophorone	7.451	82	458406	39.702	ng		98
26) 2-Nitrophenol	7.528	139	140334	47.063	ng	#	84
27) 2,4-Dimethylphenol	7.569	122	192401	41.906	ng		96
28) bis(2-Chloroethoxy)met...	7.663	93	266970	41.063	ng		99
29) 2,4-Dichlorophenol	7.769	162	214777	42.688	ng		97
30) 1,2,4-Trichlorobenzene	7.845	180	229195	42.135	ng		96
31) Naphthalene	7.928	128	772189	40.954	ng		99
32) Benzoic acid	7.716	122	114918m	32.366	ng		
33) 4-Chloroaniline	7.981	127	300600	41.918	ng		98
34) Hexachlorobutadiene	8.039	225	145308	41.798	ng		99
35) Caprolactam	8.363	113	61390m	42.562	ng		
36) 4-Chloro-3-methylphenol	8.475	107	230000	41.243	ng		99
37) 2-Methylnaphthalene	8.616	142	498877	41.498	ng		100
38) 1-Methylnaphthalene	8.716	142	484641	41.965	ng		98
40) 1,2,4,5-Tetrachloroben...	8.781	216	213400	38.790	ng		98
41) Hexachlorocyclopentadiene	8.763	237	97207	33.003	ng		99
43) 2,4,6-Trichlorophenol	8.898	196	147824	38.501	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.939	196	159489	38.494	ng		95
46) 1,1'-Biphenyl	9.081	154	582923	38.718	ng		98
47) 2-Chloronaphthalene	9.104	162	468993	38.509	ng		98
48) 2-Nitroaniline	9.210	65	147917	36.414	ng		86
49) Acenaphthylene	9.516	152	713444	39.070	ng		100
50) Dimethylphthalate	9.386	163	544851	39.128	ng		100
51) 2,6-Dinitrotoluene	9.451	165	121874	41.849	ng	#	86
52) Acenaphthene	9.686	154	472742m	39.403	ng		
53) 3-Nitroaniline	9.622	138	131098	40.400	ng		91
54) 2,4-Dinitrophenol	9.733	184	53511	37.479	ng	#	80
55) Dibenzofuran	9.857	168	754811	45.231	ng		97
56) 4-Nitrophenol	9.792	139	88288	37.354	ng		84
57) 2,4-Dinitrotoluene	9.857	165	177626	47.725	ng		92
58) Fluorene	10.198	166	589558	43.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.980	232	142291	43.877	ng		96
60) Diethylphthalate	10.086	149	633628	45.376	ng		98
61) 4-Chlorophenyl-phenyle...	10.198	204	259727	43.382	ng		92
62) 4-Nitroaniline	10.233	138	137254m	42.104	ng		
63) Azobenzene	10.357	77	639948	44.506	ng		92
65) 4,6-Dinitro-2-methylph...	10.263	198	93970	44.882	ng		90
66) n-Nitrosodiphenylamine	10.316	169	538944	42.880	ng		99
67) 4-Bromophenyl-phenylether	10.680	248	184199	44.394	ng		97
68) Hexachlorobenzene	10.745	284	201033	42.742	ng		98
69) Atrazine	10.851	200	146859	39.983	ng		96
70) Pentachlorophenol	10.945	266	88933	35.231	ng		99
71) Phenanthrene	11.157	178	814444	38.568	ng		100
72) Anthracene	11.210	178	829850	40.722	ng		99
73) Carbazole	11.369	167	723955	39.365	ng		99
74) Di-n-butylphthalate	11.704	149	876261	39.511	ng		99
75) Fluoranthene	12.339	202	733198	35.932	ng		99
77) Benzidine	12.469	184	157750	38.868	ng		100
78) Pyrene	12.569	202	717484	58.662	ng		99
80) Butylbenzylphthalate	13.192	149	191252	42.209	ng		98
81) Benzo(a)anthracene	13.757	228	386982	41.606	ng		99
82) 3,3'-Dichlorobenzidine	13.721	252	123765	48.883	ng		99
83) Chrysene	13.792	228	366500	41.500	ng		99
84) Bis(2-ethylhexyl)phtha...	13.757	149	223358	43.036	ng	#	98
85) Di-n-octyl phthalate	14.368	149	398363	50.183	ng		95
87) Indeno(1,2,3-cd)pyrene	16.462	276	506500	46.116	ng		98
88) Benzo(b)fluoranthene	14.762	252	367005	36.305	ng		100
89) Benzo(k)fluoranthene	14.792	252	384840	38.700	ng		99
90) Benzo(a)pyrene	15.092	252	329674	41.164	ng		99
91) Dibenzo(a,h)anthracene	16.480	278	412732	45.808	ng		98
92) Benzo(g,h,i)perylene	16.862	276	417627	46.013	ng		100

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

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