Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133721.D
Acq On : 13 Jun 2023 09:47
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 13 11:27:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

06/14/2023
Supervised By :mohammad ahmed

06/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	93012	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	330536	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	168047	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	325801	20.000	ng		0.00
76) Chrysene-d12	14.015	240	169321	20.000	ng		0.00
86) Perylene-d12	15.480	264	149944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	425221	79.588	ng		0.00
7) Phenol-d6	6.469	99	511660	73.573	ng		0.00
23) Nitrobenzene-d5	7.404	82	492815	81.208	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	163162	76.704	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	908436	76.845	ng		0.00
79) Terphenyl-d14	12.957	244	901346	82.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	81935	34.883	ng		96
3) Pyridine	3.304	79	226682	33.110	ng		94
4) n-Nitrosodimethylamine	3.257	42	144459	38.172	ng		94
6) Aniline	6.498	93	320454	36.585	ng		97
8) 2-Chlorophenol	6.622	128	211510	37.566	ng		98
9) Benzaldehyde	6.387	77	158432	34.338	ng		94
10) Phenol	6.481	94	271402	37.374	ng		94
11) bis(2-Chloroethyl)ether	6.575	93	194854	36.143	ng		95
12) 1,3-Dichlorobenzene	6.775	146	229202	38.100	ng		96
13) 1,4-Dichlorobenzene	6.857	146	229084	37.677	ng		96
14) 1,2-Dichlorobenzene	7.010	146	215445	39.214	ng		98
15) Benzyl Alcohol	6.981	79	214151	39.426	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	351574	38.471	ng		99
17) 2-Methylphenol	7.086	107	190696	38.211	ng		98
18) Hexachloroethane	7.345	117	88670	42.598	ng		95
19) n-Nitroso-di-n-propyla...	7.251	70	165179	37.331	ng		97
20) 3+4-Methylphenols	7.245	107	234152	36.067	ng	#	86
22) Acetophenone	7.251	105	302959	39.963	ng	#	96
24) Nitrobenzene	7.422	77	246024	40.261	ng		97
25) Isophorone	7.657	82	436764	39.203	ng		99
26) 2-Nitrophenol	7.733	139	115251	42.025	ng		90
27) 2,4-Dimethylphenol	7.775	122	186526	39.461	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	247582	38.449	ng		99
29) 2,4-Dichlorophenol	7.981	162	182777	39.454	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	189548	39.216	ng		100
31) Naphthalene	8.145	128	621758	38.610	ng		99
32) Benzoic acid	7.892	122	130616m	43.814	ng		
33) 4-Chloroaniline	8.192	127	264619	38.431	ng		99
34) Hexachlorobutadiene	8.257	225	124240	39.260	ng		99
35) Caprolactam	8.569	113	57012	36.573	ng		89
36) 4-Chloro-3-methylphenol	8.669	107	208820	39.106	ng		94
37) 2-Methylnaphthalene	8.833	142	433357	38.730	ng		98
38) 1-Methylnaphthalene	8.933	142	407423	39.571	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	192216	37.625	ng		97
41) Hexachlorocyclopentadiene	8.980	237	113855	50.010	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	131836	38.618	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	153933	38.758	ng		98
46) 1,1'-Biphenyl	9.298	154	522169	38.527	ng		99
47) 2-Chloronaphthalene	9.328	162	379300	39.015	ng		99
48) 2-Nitroaniline	9.422	65	141579	39.819	ng		97
49) Acenaphthylene	9.739	152	642297	37.958	ng		99
50) Dimethylphthalate	9.598	163	465606	37.120	ng		98
51) 2,6-Dinitrotoluene	9.663	165	100016	38.630	ng	#	77
52) Acenaphthene	9.916	154	388825	39.257	ng		99
53) 3-Nitroaniline	9.833	138	117072	37.157	ng		88
54) 2,4-Dinitrophenol	9.939	184	54685	45.851	ng	#	83
55) Dibenzofuran	10.086	168	588373	38.931	ng		98
56) 4-Nitrophenol	9.992	139	86672	40.760	ng		81
57) 2,4-Dinitrotoluene	10.069	165	130908	39.756	ng		96
58) Fluorene	10.427	166	459137	39.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	120477m	40.517	ng		
60) Diethylphthalate	10.298	149	502890	39.392	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	221646	38.847	ng		98
62) 4-Nitroaniline	10.451	138	117752	38.117	ng		92
63) Azobenzene	10.580	77	477105	39.478	ng		97
65) 4,6-Dinitro-2-methylph...	10.480	198	72281	46.428	ng		90
66) n-Nitrosodiphenylamine	10.539	169	403394	36.861	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	137013	37.679	ng		98
68) Hexachlorobenzene	10.974	284	143036	37.405	ng		95
69) Atrazine	11.069	200	117863	37.119	ng		98
70) Pentachlorophenol	11.169	266	92417	40.360	ng		97
71) Phenanthrene	11.392	178	638782	38.645	ng		99
72) Anthracene	11.445	178	657793	38.166	ng		100
73) Carbazole	11.598	167	604136	37.636	ng		99
74) Di-n-butylphthalate	11.927	149	750554	36.472	ng		99
75) Fluoranthene	12.586	202	666583	37.975	ng		100
77) Benzidine	12.704	184	245976	43.292	ng		100
78) Pyrene	12.816	202	664280	42.115	ng		100
80) Butylbenzylphthalate	13.433	149	248855	37.372	ng		99
81) Benzo(a)anthracene	14.004	228	454769	38.829	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	144283	37.055	ng		99
83) Chrysene	14.045	228	429136	38.740	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	285358	34.805	ng		99
85) Di-n-octyl phthalate	14.604	149	420486	36.090	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	453353	43.948	ng		99
88) Benzo(b)fluoranthene	15.057	252	341199	37.460	ng		99
89) Benzo(k)fluoranthene	15.086	252	325369	36.671	ng		97
90) Benzo(a)pyrene	15.421	252	319418	37.786	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	374089	43.803	ng		99
92) Benzo(g,h,i)perylene	17.403	276	383763	45.322	ng		98

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

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