Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136607.D
Acq On : 18 Dec 2023 11:14
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 19 00:59:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 00:56:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	140143	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	558066	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	293271	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	526830	20.000	ng		0.00
76) Chrysene-d12	13.974	240	277889	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	259295	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	657031	69.238	ng		0.00
7) Phenol-d6	6.445	99	821013	69.345	ng		0.00
23) Nitrobenzene-d5	7.357	82	750158	72.668	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	259939	71.885	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1521637	70.797	ng		0.00
79) Terphenyl-d14	12.921	244	1638184	77.700	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	124969	33.295	ng		94
3) Pyridine	3.304	79	333828	36.726	ng		92
4) n-Nitrosodimethylamine	3.281	42	134119	33.963	ng		99
6) Aniline	6.463	93	485203	40.551	ng		99
8) 2-Chlorophenol	6.581	128	358396	34.595	ng		98
9) Benzaldehyde	6.345	77	226213	37.196	ng		94
10) Phenol	6.457	94	426245	33.833	ng		77
11) bis(2-Chloroethyl)ether	6.534	93	326039	34.720	ng		98
12) 1,3-Dichlorobenzene	6.734	146	372137	31.942	ng		97
13) 1,4-Dichlorobenzene	6.810	146	379992	32.152	ng		99
14) 1,2-Dichlorobenzene	6.963	146	353929	31.847	ng		98
15) Benzyl Alcohol	6.939	79	287143	36.218	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	383689	31.768	ng		88
17) 2-Methylphenol	7.057	107	307195	36.704	ng		94
18) Hexachloroethane	7.298	117	133250	32.294	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	232762	34.081	ng		98
20) 3+4-Methylphenols	7.210	107	373696	35.972	ng	#	76
22) Acetophenone	7.204	105	488593	35.455	ng		98
24) Nitrobenzene	7.375	77	355436	34.227	ng		99
25) Isophorone	7.616	82	659357	35.552	ng		97
26) 2-Nitrophenol	7.686	139	195578	38.309	ng		100
27) 2,4-Dimethylphenol	7.734	122	281683	44.746	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	415128	36.426	ng		99
29) 2,4-Dichlorophenol	7.934	162	299171	36.005	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	329841	34.043	ng		96
31) Naphthalene	8.092	128	1069845	34.763	ng		98
32) Benzoic acid	7.875	122	218380m	34.969	ng		
33) 4-Chloroaniline	8.145	127	433317	39.494	ng		99
34) Hexachlorobutadiene	8.204	225	196613	34.240	ng		98
35) Caprolactam	8.528	113	95103	37.166	ng	#	85
36) 4-Chloro-3-methylphenol	8.633	107	316958	35.926	ng		100
37) 2-Methylnaphthalene	8.786	142	721317	36.842	ng		94
38) 1-Methylnaphthalene	8.886	142	668388	34.790	ng		96
40) 1,2,4,5-Tetrachloroben...	8.951	216	334737	36.687	ng		99
41) Hexachlorocyclopentadiene	8.933	237	134684	39.845	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	210242	35.389	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	247176	37.278	ng		97
46) 1,1'-Biphenyl	9.251	154	886633	35.530	ng		98
47) 2-Chloronaphthalene	9.275	162	644031	33.159	ng		96
48) 2-Nitroaniline	9.375	65	188269	36.142	ng		95
49) Acenaphthylene	9.692	152	982405	35.507	ng		99
50) Dimethylphthalate	9.557	163	791190	36.643	ng		99
51) 2,6-Dinitrotoluene	9.622	165	172821	35.578	ng		95
52) Acenaphthene	9.863	154	619994	34.969	ng		97
53) 3-Nitroaniline	9.792	138	181245	36.539	ng		97
54) 2,4-Dinitrophenol	9.898	184	82971	33.784	ng	#	92
55) Dibenzofuran	10.039	168	931837	35.977	ng		97
56) 4-Nitrophenol	9.963	139	122546	32.956	ng		90
57) 2,4-Dinitrotoluene	10.028	165	219009	34.082	ng		95
58) Fluorene	10.380	166	724560	34.849	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	186019	35.024	ng		99
60) Diethylphthalate	10.257	149	752949	35.463	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	370733	36.577	ng		93
62) 4-Nitroaniline	10.410	138	180663	36.680	ng		99
63) Azobenzene	10.533	77	663669	34.342	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	126250	38.695	ng		94
66) n-Nitrosodiphenylamine	10.498	169	646923	38.268	ng		96
67) 4-Bromophenyl-phenylether	10.863	248	233773	38.166	ng		94
68) Hexachlorobenzene	10.927	284	247650	34.982	ng		99
69) Atrazine	11.027	200	162923	33.767	ng		97
70) Pentachlorophenol	11.127	266	163031	40.804	ng		98
71) Phenanthrene	11.345	178	1050451	36.276	ng		98
72) Anthracene	11.398	178	1080053	37.031	ng		99
73) Carbazole	11.557	167	890885	34.512	ng		99
74) Di-n-butylphthalate	11.892	149	1190391	37.616	ng		100
75) Fluoranthene	12.539	202	1030241	33.951	ng		97
77) Benzidine	12.663	184	115239	24.321	ng		99
78) Pyrene	12.774	202	1029665	37.834	ng		98
80) Butylbenzylphthalate	13.398	149	402018	41.496	ng		98
81) Benzo(a)anthracene	13.968	228	712049	36.786	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	236366	43.552	ng		98
83) Chrysene	14.004	228	680365	35.725	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	513064	43.199	ng		99
85) Di-n-octyl phthalate	14.574	149	758989	43.264	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	719677	39.951	ng		99
88) Benzo(b)fluoranthene	15.021	252	604553	34.100	ng		99
89) Benzo(k)fluoranthene	15.051	252	537491	32.170	ng		98
90) Benzo(a)pyrene	15.398	252	557989	38.111	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	599571	40.628	ng		98
92) Benzo(g,h,i)perylene	17.439	276	606201	40.021	ng		98

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

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