Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132249.D
Acq On : 01 Feb 2023 01:32
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 01 06:01:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	191632	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	705257	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	352144	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	646779	20.000	ng	0.00
76) Chrysene-d12	14.283	240	427839	20.000	ng	# 0.00
86) Perylene-d12	15.871	264	422538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	924220	77.523	ng	0.00
7) Phenol-d6	6.684	99	1142684	77.744	ng	0.00
23) Nitrobenzene-d5	7.637	82	992217	78.289	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	290862	80.319	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1643149	72.057	ng	0.00
79) Terphenyl-d14	13.213	244	1682264	76.061	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.960	88	225259	40.156	ng	100
3) Pyridine	3.731	79	596346	39.186	ng	99
4) n-Nitrosodimethylamine	3.690	42	189450	38.905	ng	97
6) Aniline	6.737	93	775643	38.889	ng	96
8) 2-Chlorophenol	6.854	128	492301	39.870	ng	100
9) Benzaldehyde	6.625	77	323418	39.014	ng	99
10) Phenol	6.695	94	588486	38.683	ng	100
11) bis(2-Chloroethyl)ether	6.801	93	494117	39.465	ng	98
12) 1,3-Dichlorobenzene	7.013	146	515320	39.460	ng	98
13) 1,4-Dichlorobenzene	7.089	146	518874	39.804	ng	99
14) 1,2-Dichlorobenzene	7.242	146	482326	39.674	ng	99
15) Benzyl Alcohol	7.207	79	424540	39.585	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	510496	38.700	ng	98
17) 2-Methylphenol	7.307	107	426027	39.416	ng	99
18) Hexachloroethane	7.589	117	195430	39.963	ng	97
19) n-Nitroso-di-n-propyla...	7.478	70	310659	37.210	ng	98
20) 3+4-Methylphenols	7.460	107	549163	39.808	ng	99
22) Acetophenone	7.478	105	638768	38.513	ng	100
24) Nitrobenzene	7.654	77	504981	39.002	ng	100
25) Isophorone	7.889	82	943040	39.204	ng	100
26) 2-Nitrophenol	7.966	139	267330	42.388	ng	98
27) 2,4-Dimethylphenol	7.995	122	443637	40.188	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	582961	39.436	ng	100
29) 2,4-Dichlorophenol	8.207	162	394557	40.258	ng	99
30) 1,2,4-Trichlorobenzene	8.295	180	420244	40.042	ng	98
31) Naphthalene	8.384	128	1370390	39.476	ng	100
32) Benzoic acid	8.089	122	339064m	41.496	ng	
33) 4-Chloroaniline	8.425	127	613087	39.827	ng	99
34) Hexachlorobutadiene	8.495	225	240797	40.813	ng	98
35) Caprolactam	8.795	113	138694	41.511	ng	98
36) 4-Chloro-3-methylphenol	8.895	107	425255	40.276	ng	94
37) 2-Methylnaphthalene	9.072	142	932907	39.674	ng	100
38) 1-Methylnaphthalene	9.172	142	871676	39.890	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	394901	39.850	ng	99
41) Hexachlorocyclopentadiene	9.225	237	245039	42.382	ng	98
43) 2,4,6-Trichlorophenol	9.342	196	287254	40.551	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	330626	40.551	ng	99
46) 1,1'-Biphenyl	9.536	154	1069249	39.385	ng	99
47) 2-Chloronaphthalene	9.566	162	809263	39.137	ng	99
48) 2-Nitroaniline	9.654	65	246260	40.045	ng	96
49) Acenaphthylene	9.983	152	1336695	39.609	ng	99
50) Dimethylphthalate	9.836	163	976006	39.622	ng	100
51) 2,6-Dinitrotoluene	9.895	165	228577	41.549	ng	99
52) Acenaphthene	10.160	154	831638	39.362	ng	99
53) 3-Nitroaniline	10.072	138	271594	40.709	ng	99
54) 2,4-Dinitrophenol	10.172	184	119420	39.750	ng	97
55) Dibenzofuran	10.330	168	1168404	39.360	ng	99
56) 4-Nitrophenol	10.213	139	209366	41.703	ng	99
57) 2,4-Dinitrotoluene	10.301	165	302541	42.335	ng	98
58) Fluorene	10.677	166	887520	38.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	242835	40.854	ng	99
60) Diethylphthalate	10.536	149	990308	40.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.666	204	424384	39.142	ng	99
62) 4-Nitroaniline	10.689	138	256464	40.087	ng	98
63) Azobenzene	10.825	77	921354	38.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.713	198	164075	44.697	ng	98
66) n-Nitrosodiphenylamine	10.783	169	789857	39.000	ng	100
67) 4-Bromophenyl-phenylether	11.160	248	264343	39.913	ng	97
68) Hexachlorobenzene	11.225	284	281821	39.811	ng	100
69) Atrazine	11.307	200	242256	41.586	ng	99
70) Pentachlorophenol	11.419	266	200755	41.275	ng	100
71) Phenanthrene	11.648	178	1302158	38.528	ng	100
72) Anthracene	11.701	178	1339280	38.937	ng	100
73) Carbazole	11.848	167	1198719	38.868	ng	100
74) Di-n-butylphthalate	12.172	149	1449073	39.743	ng	100
75) Fluoranthene	12.848	202	1344182	38.973	ng	99
77) Benzidine	12.960	184	539123	36.043	ng	98
78) Pyrene	13.077	202	1362086	39.582	ng	99
80) Butylbenzylphthalate	13.689	149	612226	40.269	ng	96
81) Benzo(a)anthracene	14.271	228	1184649	39.589	ng	98
82) 3,3'-Dichlorobenzidine	14.230	252	384122	40.303	ng	100
83) Chrysene	14.313	228	1108006	39.544	ng	100
84) Bis(2-ethylhexyl)phtha...	14.242	149	817165	39.765	ng	99
85) Di-n-octyl phthalate	14.877	149	1358388	40.527	ng	99
87) Indeno(1,2,3-cd)pyrene	17.518	276	1109016	39.500	ng	100
88) Benzo(b)fluoranthene	15.395	252	1062885	39.574	ng	98
89) Benzo(k)fluoranthene	15.424	252	1068074	41.661	ng	99
90) Benzo(a)pyrene	15.801	252	1005829	40.216	ng	99
91) Dibenzo(a,h)anthracene	17.542	278	900006	39.871	ng	98
92) Benzo(g,h,i)perylene	18.030	276	909980	39.022	ng	99

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

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