Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122816.D
Acq On : 22 Dec 2020 17:18
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 22 17:47:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	175096	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	625263	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	330903	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	598424	20.00	ng	0.00
76) Chrysene-d12	13.998	240	485549	20.00	ng	0.01
86) Perylene-d12	15.456	264	474156	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	860513	77.80	ng	0.00
7) Phenol-d6	6.463	99	1072700	73.13	ng	0.00
23) Nitrobenzene-d5	7.392	82	879885	70.50	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	343057	79.20	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1594824	65.19	ng	0.00
79) Terphenyl-d14	12.939	244	1872959	67.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	190593	36.66	ng	99
3) Pyridine	3.310	79	509346	37.07	ng	98
4) n-Nitrosodimethylamine	3.269	42	191822	34.81	ng	98
6) Aniline	6.486	93	670304	38.82	ng	94
8) 2-Chlorophenol	6.610	128	457997	37.57	ng	98
9) Benzaldehyde	6.375	77	278438	31.36	ng	99
10) Phenol	6.481	94	553900	36.44	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	429693	37.00	ng	98
12) 1,3-Dichlorobenzene	6.763	146	514297	35.66	ng	98
13) 1,4-Dichlorobenzene	6.839	146	514741	35.39	ng	98
14) 1,2-Dichlorobenzene	6.998	146	484617	34.52	ng	100
15) Benzyl Alcohol	6.969	79	383051	37.93	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	533520	32.22	ng	92
17) 2-Methylphenol	7.086	107	370252	38.21	ng	98
18) Hexachloroethane	7.333	117	182450	35.20	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	285943	34.03	ng	97
20) 3+4-Methylphenols	7.239	107	426446	34.84	ng	92
22) Acetophenone	7.239	105	573165	36.87	ng	98
24) Nitrobenzene	7.410	77	455430	36.68	ng	99
25) Isophorone	7.651	82	822030	38.24	ng	99
26) 2-Nitrophenol	7.728	139	248297	41.01	ng	93
27) 2,4-Dimethylphenol	7.769	122	387893	43.71	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	530698	36.05	ng	99
29) 2,4-Dichlorophenol	7.969	162	389679	37.60	ng	96
30) 1,2,4-Trichlorobenzene	8.051	180	422250	35.96	ng	99
31) Naphthalene	8.133	128	1287089	37.30	ng	99
32) Benzoic acid	7.904	122	227279	32.14	ng	97
33) 4-Chloroaniline	8.180	127	551333	38.22	ng	99
34) Hexachlorobutadiene	8.245	225	250496	34.66	ng	99
35) Caprolactam	8.563	113	119029	38.13	ng	97
36) 4-Chloro-3-methylphenol	8.669	107	392616	38.46	ng	98
37) 2-Methylnaphthalene	8.822	142	851260	37.30	ng	99
38) 1-Methylnaphthalene	8.922	142	786562	36.43	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	414382	37.81	ng	99
41) Hexachlorocyclopentadiene	8.975	237	168042	34.68	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	272576	36.01	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	293770	37.55	ng		99
46) 1,1'-Biphenyl	9.286	154	1029612	37.49	ng		99
47) 2-Chloronaphthalene	9.310	162	812373	35.70	ng		100
48) 2-Nitroaniline	9.410	65	230168	34.70	ng		96
49) Acenaphthylene	9.727	152	1242029	36.96	ng		100
50) Dimethylphthalate	9.586	163	961160	36.37	ng		99
51) 2,6-Dinitrotoluene	9.651	165	217760	39.02	ng		94
52) Acenaphthene	9.898	154	727117	33.44	ng		99
53) 3-Nitroaniline	9.822	138	231697	35.93	ng		97
54) 2,4-Dinitrophenol	9.933	184	106089	38.88	ng		96
55) Dibenzofuran	10.074	168	1108545	36.24	ng		96
56) 4-Nitrophenol	9.992	139	158979	34.57	ng		99
57) 2,4-Dinitrotoluene	10.057	165	283286	38.10	ng		100
58) Fluorene	10.416	166	861650	35.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	245358	35.69	ng		99
60) Diethylphthalate	10.286	149	917534	35.70	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	426031	35.57	ng		96
62) 4-Nitroaniline	10.439	138	233588	35.68	ng		94
63) Azobenzene	10.563	77	844855	35.76	ng		99
65) 4,6-Dinitro-2-methylph...	10.474	198	159805	43.79	ng		91
66) n-Nitrosodiphenylamine	10.527	169	786957	37.22	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	291751	35.98	ng		97
68) Hexachlorobenzene	10.969	284	322200	35.94	ng	#	92
69) Atrazine	11.051	200	209960	30.58	ng		100
70) Pentachlorophenol	11.163	266	172139	36.24	ng		99
71) Phenanthrene	11.374	178	1288126	36.22	ng		99
72) Anthracene	11.427	178	1356891	38.48	ng		100
73) Carbazole	11.586	167	1198523	37.47	ng		99
74) Di-n-butylphthalate	11.910	149	1427733	35.53	ng		99
75) Fluoranthene	12.568	202	1354584	36.32	ng		99
77) Benzidine	12.686	184	487167	46.39	ng		100
78) Pyrene	12.798	202	1373345	36.58	ng		99
80) Butylbenzylphthalate	13.410	149	602637	35.64	ng		98
81) Benzo(a)anthracene	13.986	228	1218996	37.57	ng		98
82) 3,3'-Dichlorobenzidine	13.951	252	488398	42.02	ng		99
83) Chrysene	14.027	228	1185597	36.71	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	835491	36.08	ng		99
85) Di-n-octyl phthalate	14.580	149	1353582	35.24	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1196790	38.45	ng		100
88) Benzo(b)fluoranthene	15.039	252	1219166	36.65	ng		98
89) Benzo(k)fluoranthene	15.068	252	1105541	36.35	ng		99
90) Benzo(a)pyrene	15.398	252	1050549	36.10	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	990457	38.88	ng		99
92) Benzo(g,h,i)perylene	17.362	276	965827	39.18	ng		99

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

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