Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122398.D
Acq On : 20 Nov 2020 12:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 20 13:27:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	279835	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	1045465	20.00	ng	#	0.00
39) Acenaphthene-d10	9.916	164	571447	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	1049050	20.00	ng		0.00
76) Chrysene-d12	14.051	240	870248	20.00	ng		0.00
86) Perylene-d12	15.533	264	871869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1372286	75.30	ng		0.00
7) Phenol-d6	6.510	99	1805398	75.73	ng		0.00
23) Nitrobenzene-d5	7.434	82	1489451	87.22	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	578216	94.28	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2727787	74.58	ng		0.00
79) Terphenyl-d14	12.992	244	3170442	77.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	304761	36.46	ng		87
3) Pyridine	3.393	79	828933	36.06	ng		88
4) n-Nitrosodimethylamine	3.346	42	350871	32.38	ng		91
6) Aniline	6.534	93	1142476	36.52	ng		97
8) 2-Chlorophenol	6.657	128	739388	39.12	ng		91
9) Benzaldehyde	6.416	77	486870	37.96	ng		96
10) Phenol	6.522	94	925461	39.42	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	719145	38.54	ng		93
12) 1,3-Dichlorobenzene	6.810	146	833619	38.85	ng		96
13) 1,4-Dichlorobenzene	6.887	146	836043	38.79	ng		97
14) 1,2-Dichlorobenzene	7.040	146	779415	38.75	ng		99
15) Benzyl Alcohol	7.010	79	658549	38.85	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	971228	35.71	ng		96
17) 2-Methylphenol	7.128	107	613209	38.87	ng		98
18) Hexachloroethane	7.381	117	291723	38.87	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	523184	36.72	ng		93
20) 3+4-Methylphenols	7.281	107	729333	37.57	ng		97
22) Acetophenone	7.281	105	980139	35.99	ng		94
24) Nitrobenzene	7.451	77	790539	40.46	ng		98
25) Isophorone	7.692	82	1435857	37.72	ng		99
26) 2-Nitrophenol	7.769	139	387890	46.05	ng		99
27) 2,4-Dimethylphenol	7.810	122	664057	36.98	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	896669	38.51	ng		99
29) 2,4-Dichlorophenol	8.016	162	653151	41.08	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	689236	39.28	ng		97
31) Naphthalene	8.181	128	2132887	38.37	ng		99
32) Benzoic acid	7.939	122	447479	45.51	ng		97
33) 4-Chloroaniline	8.228	127	935387	38.64	ng		96
34) Hexachlorobutadiene	8.298	225	405983	40.25	ng		100
35) Caprolactam	8.604	113	212277	42.12	ng	#	81
36) 4-Chloro-3-methylphenol	8.710	107	682954	41.19	ng		96
37) 2-Methylnaphthalene	8.869	142	1439192	39.19	ng		99
38) 1-Methylnaphthalene	8.969	142	1344009	39.10	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	698861	39.69	ng		100
41) Hexachlorocyclopentadiene	9.028	237	433335	42.09	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	476190	41.64	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	509325	42.48	ng		94
46) 1,1'-Biphenyl	9.334	154	1738618	38.22	ng		99
47) 2-Chloronaphthalene	9.363	162	1377510	38.16	ng		97
48) 2-Nitroaniline	9.457	65	418277	39.87	ng		86
49) Acenaphthylene	9.775	152	2146132	38.68	ng		99
50) Dimethylphthalate	9.639	163	1622790	39.95	ng		100
51) 2,6-Dinitrotoluene	9.698	165	370499	41.54	ng	#	84
52) Acenaphthene	9.951	154	1339938	39.01	ng		99
53) 3-Nitroaniline	9.869	138	398457	39.39	ng		95
54) 2,4-Dinitrophenol	9.969	184	151439	52.81	ng		98
55) Dibenzofuran	10.122	168	1935531	38.46	ng		100
56) 4-Nitrophenol	10.028	139	332379	40.39	ng		93
57) 2,4-Dinitrotoluene	10.098	165	491404	43.62	ng		90
58) Fluorene	10.463	166	1467270	38.08	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	438034	43.94	ng		97
60) Diethylphthalate	10.339	149	1575529	39.54	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	716621	39.40	ng		98
62) 4-Nitroaniline	10.486	138	409938	41.21	ng		98
63) Azobenzene	10.616	77	1526707	36.52	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	232187	50.48	ng		94
66) n-Nitrosodiphenylamine	10.575	169	1362966	38.13	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	502419	40.76	ng		98
68) Hexachlorobenzene	11.016	284	550389	41.32	ng	#	93
69) Atrazine	11.104	200	355576	39.95	ng		98
70) Pentachlorophenol	11.204	266	319991	41.70	ng		99
71) Phenanthrene	11.427	178	2216446	37.24	ng		98
72) Anthracene	11.480	178	2298318	37.47	ng		98
73) Carbazole	11.633	167	2078018	37.24	ng		99
74) Di-n-butylphthalate	11.969	149	2348600	39.48	ng		99
75) Fluoranthene	12.622	202	2341626	37.68	ng		97
77) Benzidine	12.739	184	952728	39.47	ng		99
78) Pyrene	12.851	202	2378549	38.90	ng		99
80) Butylbenzylphthalate	13.469	149	1013168	41.78	ng		98
81) Benzo(a)anthracene	14.039	228	2084556	38.52	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	877197	43.49	ng		100
83) Chrysene	14.080	228	2095365	38.44	ng		97
84) Bis(2-ethylhexyl)phtha...	14.033	149	1331672	45.17	ng	#	97
85) Di-n-octyl phthalate	14.651	149	2349731	47.03	ng		97
87) Indeno(1,2,3-cd)pyrene	17.021	276	2077963	39.72	ng		99
88) Benzo(b)fluoranthene	15.098	252	2301560	40.76	ng		100
89) Benzo(k)fluoranthene	15.133	252	1990760	36.16	ng		100
90) Benzo(a)pyrene	15.474	252	1914302	38.89	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	1697871	38.75	ng		98
92) Benzo(g,h,i)perylene	17.468	276	1653178	38.80	ng		98

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

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