Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122301.D
Acq On : 10 Nov 2020 16:42
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 10 17:34:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	275207	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1016940	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	533345	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	957864	20.00	ng		0.00
76) Chrysene-d12	14.033	240	814582	20.00	ng		0.00
86) Perylene-d12	15.492	264	731060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1417987	79.12	ng		0.00
7) Phenol-d6	6.487	99	1836517	78.33	ng		0.00
23) Nitrobenzene-d5	7.434	82	1481227	89.17	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	489155	85.45	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2598576	76.13	ng		0.00
79) Terphenyl-d14	12.980	244	2985614	77.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	322878	39.28	ng		92
3) Pyridine	3.381	79	888245	39.29	ng		93
4) n-Nitrosodimethylamine	3.340	42	416260	39.06	ng		99
6) Aniline	6.528	93	1199914	39.00	ng		98
8) 2-Chlorophenol	6.651	128	745126	40.09	ng		92
9) Benzaldehyde	6.416	77	486309	38.82	ng		97
10) Phenol	6.504	94	917683	39.74	ng	#	76
11) bis(2-Chloroethyl)ether	6.604	93	726829	39.60	ng		94
12) 1,3-Dichlorobenzene	6.810	146	831504	39.41	ng		97
13) 1,4-Dichlorobenzene	6.887	146	834366	39.36	ng		97
14) 1,2-Dichlorobenzene	7.040	146	785434	39.70	ng		99
15) Benzyl Alcohol	7.004	79	652769	39.16	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1048862	39.21	ng		98
17) 2-Methylphenol	7.110	107	614512	39.61	ng		99
18) Hexachloroethane	7.387	117	302080	40.92	ng		94
19) n-Nitroso-di-n-propyla...	7.287	70	548050	39.11	ng		93
20) 3+4-Methylphenols	7.269	107	756562	39.63	ng	#	76
22) Acetophenone	7.281	105	1017194	38.40	ng	#	84
24) Nitrobenzene	7.451	77	801368	42.16	ng		95
25) Isophorone	7.692	82	1429647	38.61	ng		97
26) 2-Nitrophenol	7.763	139	340132	42.19	ng		94
27) 2,4-Dimethylphenol	7.798	122	699250	40.03	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	895574	39.54	ng		99
29) 2,4-Dichlorophenol	8.004	162	629676	40.72	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	674820	39.54	ng		96
31) Naphthalene	8.175	128	2092343	38.70	ng		98
32) Benzoic acid	7.910	122	402750	42.70	ng		97
33) 4-Chloroaniline	8.216	127	916773	38.93	ng		100
34) Hexachlorobutadiene	8.298	225	389932	39.75	ng		99
35) Caprolactam	8.586	113	199644	40.73	ng		92
36) 4-Chloro-3-methylphenol	8.692	107	642772	39.85	ng		96
37) 2-Methylnaphthalene	8.863	142	1396710	39.10	ng		99
38) 1-Methylnaphthalene	8.963	142	1310413	39.19	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	657258	39.99	ng		99
41) Hexachlorocyclopentadiene	9.022	237	418594	43.56	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	431240	40.40	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	468087	41.83	ng	99
46) 1,1'-Biphenyl	9.333	154	1672795	39.40	ng	98
47) 2-Chloronaphthalene	9.357	162	1329751	39.46	ng	96
48) 2-Nitroaniline	9.445	65	400269	40.75	ng	96
49) Acenaphthylene	9.769	152	2036049	39.31	ng	98
50) Dimethylphthalate	9.633	163	1494035	39.41	ng	100
51) 2,6-Dinitrotoluene	9.686	165	338805	40.78	ng	97
52) Acenaphthene	9.945	154	1272665	39.70	ng	98
53) 3-Nitroaniline	9.857	138	377867	39.97	ng	93
54) 2,4-Dinitrophenol	9.957	184	118668	47.47	ng	89
55) Dibenzofuran	10.116	168	1841692	39.21	ng	99
56) 4-Nitrophenol	10.004	139	308846	40.23	ng	95
57) 2,4-Dinitrotoluene	10.086	165	443714	42.35	ng	97
58) Fluorene	10.457	166	1376623	38.28	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	394234	42.37	ng	99
60) Diethylphthalate	10.328	149	1476484	39.70	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	670938	39.52	ng	96
62) 4-Nitroaniline	10.469	138	366957	39.67	ng	95
63) Azobenzene	10.610	77	1518359	38.92	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	184414	46.03	ng	92
66) n-Nitrosodiphenylamine	10.569	169	1268756	38.88	ng	94
67) 4-Bromophenyl-phenylether	10.939	248	458497	40.73	ng	99
68) Hexachlorobenzene	11.004	284	483966	39.80	ng	97
69) Atrazine	11.092	200	334672	41.18	ng	96
70) Pentachlorophenol	11.192	266	301124	42.98	ng	99
71) Phenanthrene	11.416	178	2119828	39.01	ng	98
72) Anthracene	11.469	178	2200540	39.29	ng	99
73) Carbazole	11.622	167	1987958	39.01	ng	100
74) Di-n-butylphthalate	11.957	149	2190610	40.33	ng	99
75) Fluoranthene	12.604	202	2214363	39.03	ng	98
77) Benzidine	12.722	184	871838	38.59	ng	98
78) Pyrene	12.833	202	2264651	39.57	ng	98
80) Butylbenzylphthalate	13.451	149	914317	40.40	ng	100
81) Benzo(a)anthracene	14.021	228	1973607	38.96	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	777258	41.17	ng	99
83) Chrysene	14.057	228	1997012	39.14	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1161441	42.09	ng	98
85) Di-n-octyl phthalate	14.627	149	2032452	43.46	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	1641146	37.41	ng	100
88) Benzo(b)fluoranthene	15.068	252	1851903	39.11	ng	99
89) Benzo(k)fluoranthene	15.098	252	1897901	41.11	ng	97
90) Benzo(a)pyrene	15.433	252	1636250	39.64	ng	97
91) Dibenzo(a,h)anthracene	16.980	278	1390954	37.86	ng	98
92) Benzo(g,h,i)perylene	17.404	276	1344030	37.62	ng	98

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

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