Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122717.D
Acq On : 15 Dec 2020 12:12
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 15 18:25:03 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	153889	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	543381	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	279725	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	485659	20.00	ng		0.00
76) Chrysene-d12	13.986	240	350142	20.00	ng		0.00
86) Perylene-d12	15.439	264	338337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	767186	78.93	ng		0.00
7) Phenol-d6	6.457	99	1000502	77.61	ng		0.00
23) Nitrobenzene-d5	7.393	82	846500	78.05	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	285148	77.88	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	1520783	73.54	ng		0.00
79) Terphenyl-d14	12.933	244	1620105	80.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	178232	39.01	ng		98
3) Pyridine	3.287	79	478954	39.66	ng		96
4) n-Nitrosodimethylamine	3.240	42	182252	37.63	ng		98
6) Aniline	6.487	93	591338	38.97	ng		99
8) 2-Chlorophenol	6.610	128	415616	38.79	ng		96
9) Benzaldehyde	6.375	77	314625	40.32	ng		96
10) Phenol	6.469	94	520375	38.95	ng		92
11) bis(2-Chloroethyl)ether	6.563	93	394948	38.70	ng		98
12) 1,3-Dichlorobenzene	6.763	146	490262	38.67	ng		98
13) 1,4-Dichlorobenzene	6.840	146	492828	38.55	ng		98
14) 1,2-Dichlorobenzene	6.993	146	452270	36.65	ng		98
15) Benzyl Alcohol	6.969	79	343778	38.73	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	533073	36.63	ng		99
17) 2-Methylphenol	7.081	107	334727	39.30	ng		98
18) Hexachloroethane	7.334	117	175531	38.53	ng		95
19) n-Nitroso-di-n-propyla...	7.240	70	269360	36.48	ng		99
20) 3+4-Methylphenols	7.234	107	397737	36.97	ng		95
22) Acetophenone	7.234	105	519918	38.48	ng	#	95
24) Nitrobenzene	7.410	77	419975	38.93	ng		96
25) Isophorone	7.645	82	712527	38.14	ng		100
26) 2-Nitrophenol	7.722	139	218534	41.53	ng		95
27) 2,4-Dimethylphenol	7.763	122	304140	39.43	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	494701	38.67	ng		99
29) 2,4-Dichlorophenol	7.969	162	353154	39.21	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	398710	39.07	ng		98
31) Naphthalene	8.128	128	1162437	38.77	ng		100
32) Benzoic acid	7.893	122	230236	37.47	ng		95
33) 4-Chloroaniline	8.181	127	494724	39.47	ng		98
34) Hexachlorobutadiene	8.245	225	243559	38.78	ng		98
35) Caprolactam	8.551	113	105167	38.77	ng		98
36) 4-Chloro-3-methylphenol	8.663	107	346883	39.10	ng		98
37) 2-Methylnaphthalene	8.822	142	761459	38.39	ng		98
38) 1-Methylnaphthalene	8.922	142	713699	38.04	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	367439	39.66	ng		99
41) Hexachlorocyclopentadiene	8.975	237	171379	41.84	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	254219	39.73	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	257702	38.96	ng		98
46) 1,1'-Biphenyl	9.287	154	912327	39.30	ng		99
47) 2-Chloronaphthalene	9.310	162	759488	39.49	ng		99
48) 2-Nitroaniline	9.404	65	216336	38.58	ng		94
49) Acenaphthylene	9.722	152	1115071	39.25	ng		100
50) Dimethylphthalate	9.587	163	853888	38.22	ng		100
51) 2,6-Dinitrotoluene	9.645	165	189535	40.17	ng		93
52) Acenaphthene	9.898	154	670063	36.45	ng		99
53) 3-Nitroaniline	9.816	138	212274	38.94	ng		97
54) 2,4-Dinitrophenol	9.928	184	129552	56.16	ng	#	87
55) Dibenzofuran	10.069	168	1005189	38.88	ng		98
56) 4-Nitrophenol	9.975	139	143502	36.91	ng		94
57) 2,4-Dinitrotoluene	10.051	165	244563	38.91	ng		96
58) Fluorene	10.410	166	755294	36.73	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	219195	37.72	ng		100
60) Diethylphthalate	10.281	149	818356	37.66	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	385931	38.11	ng		100
62) 4-Nitroaniline	10.428	138	209531	37.86	ng		97
63) Azobenzene	10.563	77	739984	37.05	ng		96
65) 4,6-Dinitro-2-methylph...	10.463	198	117987	39.84	ng		91
66) n-Nitrosodiphenylamine	10.522	169	683125	39.81	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	262974	39.96	ng		92
68) Hexachlorobenzene	10.963	284	286262	39.35	ng		93
69) Atrazine	11.045	200	206808	37.11	ng		100
70) Pentachlorophenol	11.151	266	146306	37.96	ng		98
71) Phenanthrene	11.369	178	1106243	38.33	ng		100
72) Anthracene	11.422	178	1112169	38.86	ng		98
73) Carbazole	11.575	167	995254	38.34	ng		99
74) Di-n-butylphthalate	11.910	149	1218275	37.35	ng		98
75) Fluoranthene	12.557	202	1112812	36.77	ng		99
77) Benzidine	12.680	184	314672	41.55	ng		99
78) Pyrene	12.786	202	1123121	41.49	ng		98
80) Butylbenzylphthalate	13.404	149	475786	39.02	ng		99
81) Benzo(a)anthracene	13.974	228	930146	39.75	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	329807	39.35	ng		99
83) Chrysene	14.016	228	915224	39.30	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	622093	37.25	ng		99
85) Di-n-octyl phthalate	14.574	149	992291	35.82	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	975904	43.94	ng		100
88) Benzo(b)fluoranthene	15.021	252	894864	37.70	ng		98
89) Benzo(k)fluoranthene	15.051	252	853324	39.31	ng		99
90) Benzo(a)pyrene	15.380	252	811538	39.08	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	797777	43.89	ng		98
92) Benzo(g,h,i)perylene	17.327	276	810350	46.06	ng		100

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

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