Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
Data File : BF122465.D
Acq On : 24 Nov 2020 13:41
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 24 14:45:36 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 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	247403	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	895982	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	486661	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	898054	20.00	ng		0.00
76) Chrysene-d12	14.033	240	712253	20.00	ng		0.00
86) Perylene-d12	15.504	264	640596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1190214	73.87	ng		0.00
7) Phenol-d6	6.498	99	1536561	72.90	ng		0.00
23) Nitrobenzene-d5	7.428	82	1289265	88.09	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	482844	92.44	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2371316	76.13	ng		0.00
79) Terphenyl-d14	12.974	244	2748734	81.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	250979	33.97	ng		89
3) Pyridine	3.381	79	699519	34.42	ng		92
4) n-Nitrosodimethylamine	3.340	42	298538	31.16	ng		91
6) Aniline	6.522	93	979553	35.42	ng		98
8) 2-Chlorophenol	6.645	128	639593	38.28	ng		92
9) Benzaldehyde	6.404	77	409625	35.39	ng		97
10) Phenol	6.510	94	792474	38.18	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	620983	37.64	ng		92
12) 1,3-Dichlorobenzene	6.798	146	726926	38.32	ng		98
13) 1,4-Dichlorobenzene	6.875	146	731147	38.37	ng		99
14) 1,2-Dichlorobenzene	7.034	146	677380	38.09	ng		100
15) Benzyl Alcohol	7.004	79	564116	37.64	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	813655	33.84	ng		94
17) 2-Methylphenol	7.116	107	534849	38.35	ng		99
18) Hexachloroethane	7.375	117	262865	39.61	ng		92
19) n-Nitroso-di-n-propyla...	7.281	70	445615	35.38	ng		91
20) 3+4-Methylphenols	7.269	107	622097	36.25	ng		96
22) Acetophenone	7.275	105	841100	36.04	ng		92
24) Nitrobenzene	7.445	77	673479	40.22	ng		94
25) Isophorone	7.687	82	1238800	37.97	ng		96
26) 2-Nitrophenol	7.757	139	340110	46.96	ng		97
27) 2,4-Dimethylphenol	7.798	122	568722	36.96	ng		100
28) bis(2-Chloroethoxy)met...	7.892	93	773480	38.76	ng		99
29) 2,4-Dichlorophenol	8.004	162	564318	41.42	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	605654	40.27	ng		96
31) Naphthalene	8.169	128	1831110	38.44	ng		99
32) Benzoic acid	7.934	122	403973	47.52	ng		97
33) 4-Chloroaniline	8.216	127	800927	38.61	ng		97
34) Hexachlorobutadiene	8.287	225	364823	42.21	ng		99
35) Caprolactam	8.598	113	173736	40.23	ng	#	76
36) 4-Chloro-3-methylphenol	8.698	107	583663	41.07	ng		98
37) 2-Methylnaphthalene	8.857	142	1230613	39.10	ng		97
38) 1-Methylnaphthalene	8.957	142	1143002	38.80	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	601001	40.08	ng		99
41) Hexachlorocyclopentadiene	9.016	237	373895	42.64	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	403775	41.46	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	432517	42.36	ng	96
46) 1,1'-Biphenyl	9.322	154	1498567	38.68	ng	99
47) 2-Chloronaphthalene	9.351	162	1188330	38.65	ng	98
48) 2-Nitroaniline	9.445	65	348578	39.13	ng	90
49) Acenaphthylene	9.763	152	1818098	38.47	ng	99
50) Dimethylphthalate	9.628	163	1390353	40.19	ng	100
51) 2,6-Dinitrotoluene	9.686	165	315844	41.58	ng	89
52) Acenaphthene	9.939	154	1157549	39.58	ng	99
53) 3-Nitroaniline	9.857	138	332799	38.70	ng	96
54) 2,4-Dinitrophenol	9.957	184	148812	57.60	ng	90
55) Dibenzofuran	10.110	168	1654062	38.60	ng	100
56) 4-Nitrophenol	10.016	139	270024	38.78	ng	93
57) 2,4-Dinitrotoluene	10.086	165	421942	43.94	ng	91
58) Fluorene	10.451	166	1259333	38.38	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	370853	43.68	ng	98
60) Diethylphthalate	10.322	149	1373388	40.47	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	625001	40.35	ng	99
62) 4-Nitroaniline	10.475	138	332696	39.43	ng	97
63) Azobenzene	10.604	77	1291977	36.29	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	216361	53.39	ng	100
66) n-Nitrosodiphenylamine	10.563	169	1150393	37.60	ng	94
67) 4-Bromophenyl-phenylether	10.933	248	432578	40.99	ng	98
68) Hexachlorobenzene	11.004	284	465931	40.86	ng	94
69) Atrazine	11.086	200	312156	40.96	ng	99
70) Pentachlorophenol	11.192	266	283728	43.19	ng	98
71) Phenanthrene	11.416	178	1903221	37.35	ng	98
72) Anthracene	11.469	178	1967886	37.47	ng	100
73) Carbazole	11.622	167	1739395	36.41	ng	100
74) Di-n-butylphthalate	11.951	149	2084244	40.92	ng	100
75) Fluoranthene	12.604	202	2020169	37.98	ng	98
77) Benzidine	12.722	184	748956	37.91	ng	99
78) Pyrene	12.833	202	2015426	40.28	ng	99
80) Butylbenzylphthalate	13.451	149	881149	44.19	ng	94
81) Benzo(a)anthracene	14.021	228	1719930	38.83	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	702449	42.55	ng	98
83) Chrysene	14.063	228	1735668	38.90	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1179658	48.89	ng	98
85) Di-n-octyl phthalate	14.627	149	2002977	48.98	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	1509955	39.28	ng	99
88) Benzo(b)fluoranthene	15.074	252	1655078	39.89	ng	100
89) Benzo(k)fluoranthene	15.110	252	1627747	40.24	ng	99
90) Benzo(a)pyrene	15.445	252	1437952	39.76	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1238723	38.48	ng	99
92) Benzo(g,h,i)perylene	17.421	276	1224224	39.10	ng	96

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

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