Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122183.D
Acq On : 30 Oct 2020 16:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 16:59:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	106100	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	392399	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	200053	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	371602	20.00	ng		0.00
76) Chrysene-d12	13.880	240	279854	20.00	ng		0.00
86) Perylene-d12	15.315	264	215401	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	579544	80.62	ng		0.00
7) Phenol-d6	6.369	99	701028	75.75	ng		0.00
23) Nitrobenzene-d5	7.286	82	606769	79.30	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	200032	80.83	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1038486	76.38	ng		0.00
79) Terphenyl-d14	12.821	244	1178652	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	122587	38.77	ng		98
3) Pyridine	3.075	79	312382	37.58	ng		99
4) n-Nitrosodimethylamine	3.045	42	162422	40.42	ng		92
6) Aniline	6.381	93	428169	37.57	ng	#	47
8) 2-Chlorophenol	6.504	128	283914	39.07	ng		97
9) Benzaldehyde	6.269	77	198004	38.31	ng		99
10) Phenol	6.381	94	362362	37.94	ng	#	69
11) bis(2-Chloroethyl)ether	6.451	93	281819	38.17	ng		99
12) 1,3-Dichlorobenzene	6.651	146	313478	38.36	ng		97
13) 1,4-Dichlorobenzene	6.728	146	320163	39.02	ng		98
14) 1,2-Dichlorobenzene	6.881	146	286413	38.18	ng		97
15) Benzyl Alcohol	6.869	79	247233	41.31	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.992	45	423661	37.29	ng	#	47
17) 2-Methylphenol	6.986	107	230805	37.15	ng	#	88
18) Hexachloroethane	7.216	117	117538	39.66	ng		95
19) n-Nitroso-di-n-propyla...	7.133	70	210792	40.01	ng		97
20) 3+4-Methylphenols	7.145	107	306118	40.86	ng	#	68
22) Acetophenone	7.133	105	403170	39.93	ng	#	89
24) Nitrobenzene	7.304	77	323998	39.62	ng		99
25) Isophorone	7.545	82	575101	39.75	ng		99
26) 2-Nitrophenol	7.622	139	153366	40.72	ng		96
27) 2,4-Dimethylphenol	7.663	122	246197	38.35	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	351450	38.83	ng		99
29) 2,4-Dichlorophenol	7.869	162	241607	40.19	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	246337	38.53	ng		100
31) Naphthalene	8.016	128	815244	38.78	ng		100
32) Benzoic acid	7.839	122	111528	33.21	ng		94
33) 4-Chloroaniline	8.075	127	357799	39.96	ng		98
34) Hexachlorobutadiene	8.128	225	152571	40.25	ng		99
35) Caprolactam	8.463	113	76457m	40.04	ng		
36) 4-Chloro-3-methylphenol	8.575	107	262787	40.70	ng		100
37) 2-Methylnaphthalene	8.710	142	521914	38.33	ng		98
38) 1-Methylnaphthalene	8.804	142	491701	39.00	ng		99
40) 1,2,4,5-Tetrachloroben...	8.875	216	255606	39.59	ng		99
41) Hexachlorocyclopentadiene	8.851	237	56468	41.75	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	151115	37.93	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	151582	35.23	ng		99
46) 1,1'-Biphenyl	9.169	154	640059	39.35	ng		99
47) 2-Chloronaphthalene	9.198	162	494463	39.09	ng		100
48) 2-Nitroaniline	9.310	65	175966	42.17	ng		100
49) Acenaphthylene	9.610	152	739667	38.07	ng		100
50) Dimethylphthalate	9.474	163	569692	38.94	ng		100
51) 2,6-Dinitrotoluene	9.551	165	127158	39.63	ng		93
52) Acenaphthene	9.780	154	453117	39.21	ng		100
53) 3-Nitroaniline	9.722	138	144732	39.66	ng		93
54) 2,4-Dinitrophenol	9.851	184	66735	45.02	ng	#	88
55) Dibenzofuran	9.957	168	666339	39.43	ng		98
56) 4-Nitrophenol	9.916	139	85675	43.16	ng		87
57) 2,4-Dinitrotoluene	9.963	165	167136	42.31	ng		99
58) Fluorene	10.298	166	542357	39.83	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	129737	38.98	ng		98
60) Diethylphthalate	10.174	149	571265	40.50	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	265110	40.60	ng		96
62) 4-Nitroaniline	10.345	138	134229	36.81	ng		95
63) Azobenzene	10.451	77	605506	40.59	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	88940	36.85	ng		97
66) n-Nitrosodiphenylamine	10.410	169	501836	39.20	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	172506	40.18	ng		97
68) Hexachlorobenzene	10.845	284	195759	40.29	ng		97
69) Atrazine	10.939	200	121770	38.91	ng		99
70) Pentachlorophenol	11.057	266	56945	34.79	ng		97
71) Phenanthrene	11.263	178	802275	39.37	ng		99
72) Anthracene	11.316	178	831957	39.37	ng		99
73) Carbazole	11.474	167	743934	39.59	ng		100
74) Di-n-butylphthalate	11.792	149	875261	40.49	ng		99
75) Fluoranthene	12.451	202	852195	39.01	ng		98
77) Benzidine	12.580	184	286695	33.23	ng		99
78) Pyrene	12.680	202	863252	40.48	ng		99
80) Butylbenzylphthalate	13.292	149	356497	42.15	ng		96
81) Benzo(a)anthracene	13.874	228	725972	39.59	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	263480	38.73	ng		99
83) Chrysene	13.909	228	702302	39.01	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	477738	41.61	ng		100
85) Di-n-octyl phthalate	14.457	149	737112	39.69	ng		99
87) Indeno(1,2,3-cd)pyrene	16.727	276	564893	40.39	ng		98
88) Benzo(b)fluoranthene	14.904	252	633129	43.48	ng		98
89) Benzo(k)fluoranthene	14.933	252	572586	41.40	ng		99
90) Benzo(a)pyrene	15.256	252	522762	41.57	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	462448	40.16	ng		98
92) Benzo(g,h,i)perylene	17.150	276	470700	40.84	ng		97

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

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