Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121522.D
Acq On : 8 Sep 2020 15:02
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 17:01:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	290748	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1026651	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	517275	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	986419	20.00	ng	0.00
76) Chrysene-d12	14.00	240	823425	20.00	ng	-0.01
86) Perylene-d12	15.46	264	848246	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1412759	81.52	ng	0.00
7) Phenol-d6	6.47	99	1929385	79.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1513322	100.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	533464	102.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2611912	81.47	ng	0.00
79) Terphenyl-d14	12.95	244	2940210	75.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	335306	40.572	ng	99
3) Pyridine	3.36	79	927641	41.218	ng	100
4) n-Nitrosodimethylamine	3.31	42	378293	38.026	ng	99
6) Aniline	6.51	93	1136229	39.542	ng	97
8) 2-Chlorophenol	6.63	128	743937	42.297	ng	99
9) Benzaldehyde	6.39	77	485649	41.081	ng	98
10) Phenol	6.49	94	982390	41.467	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	729344	37.892	ng	99
12) 1,3-Dichlorobenzene	6.79	146	842525	39.785	ng	98
13) 1,4-Dichlorobenzene	6.86	146	841502	39.650	ng	99
14) 1,2-Dichlorobenzene	7.02	146	787306	39.840	ng	99
15) Benzyl Alcohol	6.99	79	625087	39.325	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1037796	36.395	ng	100
17) 2-Methylphenol	7.09	107	600457	39.238	ng	100
18) Hexachloroethane	7.36	117	303856	41.834	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	493224	36.444	ng	97
20) 3+4-Methylphenols	7.25	107	734258	39.650	ng	98
22) Acetophenone	7.26	105	975944	38.569	ng	99
24) Nitrobenzene	7.43	77	761457	50.586	ng	99
25) Isophorone	7.67	82	1283185	37.990	ng	100
26) 2-Nitrophenol	7.74	139	348605	52.994	ng	98
27) 2,4-Dimethylphenol	7.77	122	556647	39.735	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	885993	38.575	ng	99
29) 2,4-Dichlorophenol	7.98	162	612305	44.267	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	692467	40.866	ng	98
31) Naphthalene	8.15	128	2056954	40.357	ng	100
32) Benzoic acid	7.90	122	447956	50.060	ng	99
33) 4-Chloroaniline	8.20	127	889391	39.178	ng	99
34) Hexachlorobutadiene	8.27	225	412223	40.908	ng	99
35) Caprolactam	8.57	113	197785	43.841	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	602247	41.295	ng	99
37) 2-Methylnaphthalene	8.84	142	1347588	39.906	ng	99
38) 1-Methylnaphthalene	8.94	142	1282734	40.227	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	637346	41.565	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	301670	46.784	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	442119	45.618	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	449068	46.858	ng		99
46) 1,1'-Biphenyl	9.30	154	1604099	41.095	ng		99
47) 2-Chloronaphthalene	9.33	162	1311274	40.870	ng		98
48) 2-Nitroaniline	9.42	65	411037	45.971	ng		97
49) Acenaphthylene	9.75	152	2006126	41.686	ng		99
50) Dimethylphthalate	9.60	163	1451103	40.839	ng		99
51) 2,6-Dinitrotoluene	9.66	165	318267	47.820	ng		93
52) Acenaphthene	9.92	154	1273161	41.897	ng		100
53) 3-Nitroaniline	9.83	138	391340	46.337	ng		98
54) 2,4-Dinitrophenol	9.93	184	133999	57.699	ng		93
55) Dibenzofuran	10.09	168	1799650	40.770	ng		99
56) 4-Nitrophenol	9.99	139	295432	46.690	ng		95
57) 2,4-Dinitrotoluene	10.06	165	424659	51.225	ng		96
58) Fluorene	10.43	166	1349661	40.560	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	390580	48.951	ng		100
60) Diethylphthalate	10.30	149	1436856	40.250	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	674733	40.470	ng		98
62) 4-Nitroaniline	10.45	138	404612	46.732	ng		98
63) Azobenzene	10.58	77	1389972	39.373	ng		100
65) 4,6-Dinitro-2-methylphenol	10.47	198	176010	55.833	ng		85
66) n-Nitrosodiphenylamine	10.54	169	1241989	39.810	ng		100
67) 4-Bromophenyl-phenylether	10.91	248	435694	40.151	ng		98
68) Hexachlorobenzene	10.97	284	521155	41.070	ng		98
69) Atrazine	11.06	200	379306	41.922	ng		99
70) Pentachlorophenol	11.17	266	293611	50.647	ng		99
71) Phenanthrene	11.39	178	2032773	40.157	ng		99
72) Anthracene	11.44	178	2049073	41.156	ng		100
73) Carbazole	11.59	167	1982466	41.293	ng		99
74) Di-n-butylphthalate	11.93	149	2158720	40.475	ng		100
75) Fluoranthene	12.57	202	2300342	42.164	ng		99
77) Benzidine	12.70	184	808562	45.024	ng		99
78) Pyrene	12.80	202	2325633	39.547	ng		100
80) Butylbenzylphthalate	13.42	149	957931	42.282	ng		94
81) Benzo(a)anthracene	13.99	228	2027021	40.326	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	787432	42.769	ng		98
83) Chrysene	14.03	228	1994605	39.663	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1206730	41.241	ng	#	97
85) Di-n-octyl phthalate	14.60	149	2103522	42.420	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2089926	40.044	ng		99
88) Benzo(b)fluoranthene	15.04	252	2200014	39.871	ng		99
89) Benzo(k)fluoranthene	15.07	252	2022183	39.401	ng		99
90) Benzo(a)pyrene	15.40	252	1972086	39.747	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	1689194	39.539	ng		98
92) Benzo(g,h,i)perylene	17.35	276	1666048	40.483	ng		99

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

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