Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118160.D
Acq On : 10 Dec 2019 10:56
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 10 13:31:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138386	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	523934	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	268940	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	489179	20.00	ng		0.00
76) Chrysene-d12	14.07	240	339069	20.00	ng		0.00
87) Perylene-d12	15.56	264	286138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	632125	80.00	ng		0.00
7) Phenol-d6	6.50	99	770327	80.61	ng		0.00
23) Nitrobenzene-d5	7.44	82	732147	78.61	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	248632	76.10	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1410888	79.83	ng		0.00
79) Terphenyl-d14	13.00	244	1521352	77.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	126659	38.018	ng		100
3) Pyridine	3.39	79	335937	39.084	ng		97
4) n-Nitrosodimethylamine	3.35	42	148434	40.143	ng		99
6) Aniline	6.53	93	494382	40.441	ng		99
8) 2-Chlorophenol	6.66	128	357367	40.112	ng		96
9) Benzaldehyde	6.42	77	202726	41.216	ng		96
10) Phenol	6.52	94	434884	39.902	ng		91
11) bis(2-Chloroethyl)ether	6.61	93	305729	38.786	ng		95
12) 1,3-Dichlorobenzene	6.82	146	415058	39.880	ng		98
13) 1,4-Dichlorobenzene	6.89	146	420480	40.122	ng		98
14) 1,2-Dichlorobenzene	7.05	146	393845	40.018	ng		97
15) Benzyl Alcohol	7.02	79	302211	40.511	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	367311	38.756	ng		97
17) 2-Methylphenol	7.13	107	284134	40.098	ng		97
18) Hexachloroethane	7.39	117	148143	38.363	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	226718	39.041	ng		97
20) 3+4-Methylphenols	7.28	107	359484	40.389	ng		90
22) Acetophenone	7.29	105	494873	39.315	ng	#	95
24) Nitrobenzene	7.46	77	359052	39.241	ng		98
25) Isophorone	7.70	82	596410	37.777	ng		99
26) 2-Nitrophenol	7.77	139	194500	39.770	ng		95
27) 2,4-Dimethylphenol	7.81	122	250921	38.464	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	387067	37.520	ng		100
29) 2,4-Dichlorophenol	8.02	162	296997	39.053	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	346813	39.022	ng		99
31) Naphthalene	8.18	128	1031513	39.201	ng		99
32) Benzoic acid	7.95	122	230851	39.193	ng		98
33) 4-Chloroaniline	8.23	127	436547	38.423	ng		96
34) Hexachlorobutadiene	8.30	225	207570	38.948	ng		100
35) Caprolactam	8.61	113	91128	38.856	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	311293	38.897	ng		99
37) 2-Methylnaphthalene	8.87	142	688337	38.640	ng		99
38) 1-Methylnaphthalene	8.97	142	641770	38.368	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	319913	39.267	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	127628	34.964 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	217550	39.993 ng	97
44) 2,4,5-Trichlorophenol	9.20	196	223798	39.710 ng	98
46) 1,1'-Biphenyl	9.34	154	845070	39.841 ng	100
47) 2-Chloronaphthalene	9.37	162	670056	39.271 ng	97
48) 2-Nitroaniline	9.46	65	193312	39.729 ng	98
49) Acenaphthylene	9.79	152	998019	39.658 ng	99
50) Dimethylphthalate	9.64	163	756510	38.082 ng	99
51) 2,6-Dinitrotoluene	9.70	165	169684	39.283 ng	97
52) Acenaphthene	9.96	154	588469	38.311 ng	99
53) 3-Nitroaniline	9.88	138	203600	40.052 ng	94
54) 2,4-Dinitrophenol	9.99	184	81694	38.014 ng	97
55) Dibenzofuran	10.13	168	883518	39.255 ng	100
56) 4-Nitrophenol	10.04	139	131650	37.317 ng	98
57) 2,4-Dinitrotoluene	10.12	165	224425	38.926 ng	94
58) Fluorene	10.47	166	704868	39.408 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	177886	38.259 ng	99
60) Diethylphthalate	10.34	149	733225	37.463 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	347200	38.580 ng	99
62) 4-Nitroaniline	10.50	138	213502	40.270 ng	96
63) Azobenzene	10.62	77	642215	38.437 ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	102095	37.792 ng	95
66) n-Nitrosodiphenylamine	10.58	169	604072	39.543 ng	99
67) 4-Bromophenyl-phenylether	10.96	248	213823	38.292 ng	99
68) Hexachlorobenzene	11.03	284	252677	38.444 ng	94
69) Atrazine	11.11	200	165539	38.752 ng	98
70) Pentachlorophenol	11.22	266	116167	37.584 ng	98
71) Phenanthrene	11.44	178	1026842	39.488 ng	99
72) Anthracene	11.49	178	1037966	40.012 ng	99
73) Carbazole	11.65	167	933632	40.113 ng	100
74) Di-n-butylphthalate	11.97	149	1085067	37.251 ng	99
75) Fluoranthene	12.63	202	1040313	39.129 ng	98
77) Benzidine	12.75	184	438814	49.161 ng	99
78) Pyrene	12.87	202	1050042	39.298 ng	97
80) Butylbenzylphthalate	13.47	149	446395	36.889 ng	99
81) Benzo(a)anthracene	14.06	228	900338	38.401 ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	301984	39.219 ng	100
83) Chrysene	14.10	228	861329	38.459 ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	547410	34.306 ng	100
85) Di-n-octyl phthalate	14.65	149	813970	33.675 ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	689444	36.587 ng	100
88) Benzo(b)fluoranthene	15.12	252	767213	40.541 ng	98
89) Benzo(k)fluoranthene	15.15	252	665717	36.618 ng	98
90) Benzo(a)pyrene	15.50	252	641921	38.407 ng	99
91) Dibenzo(a,h)anthracene	17.09	278	563996	39.343 ng	98
92) Benzo(g,h,i)perylene	17.53	276	562067	40.802 ng	98

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

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