Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117883.D
Acq On : 20 Nov 2019 10:46
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 21 10:11:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	201413	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	757251	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	414600	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	788717	20.00	ng		0.00
76) Chrysene-d12	14.11	240	622226	20.00	ng		0.00
87) Perylene-d12	15.62	264	603052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	864348	75.96	ng		0.00
7) Phenol-d6	6.54	99	1076009	78.40	ng		0.00
23) Nitrobenzene-d5	7.49	82	1066520	83.72	ng		0.00
42) 2,4,6-Tribromophenol	10.76	330	355471	80.99	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2006396	86.82	ng		0.00
79) Terphenyl-d14	13.05	244	2588690	76.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	266132	50.037	ng		98
3) Pyridine	3.47	79	499488	35.800	ng		100
4) n-Nitrosodimethylamine	3.42	42	229310	37.651	ng		92
6) Aniline	6.58	93	707632	39.018	ng		99
8) 2-Chlorophenol	6.70	128	493198	39.946	ng		98
9) Benzaldehyde	6.46	77	336361	37.103	ng		97
10) Phenol	6.56	94	616391	43.220	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	438504	38.288	ng		99
12) 1,3-Dichlorobenzene	6.86	146	576530	39.662	ng		96
13) 1,4-Dichlorobenzene	6.93	146	587344	39.975	ng		98
14) 1,2-Dichlorobenzene	7.09	146	556546	39.606	ng		99
15) Benzyl Alcohol	7.06	79	444344	41.935	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622962	35.330	ng		97
17) 2-Methylphenol	7.16	107	402537	38.499	ng		98
18) Hexachloroethane	7.43	117	216184	40.053	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	340028	40.160	ng		99
20) 3+4-Methylphenols	7.32	107	518528	39.951	ng	#	80
22) Acetophenone	7.33	105	704123	41.387	ng		98
24) Nitrobenzene	7.50	77	537833	40.927	ng		98
25) Isophorone	7.74	82	913058	39.107	ng		96
26) 2-Nitrophenol	7.82	139	272203	42.556	ng		90
27) 2,4-Dimethylphenol	7.85	122	370006	37.227	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	575089	38.816	ng		99
29) 2,4-Dichlorophenol	8.06	162	430528	39.934	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	495249	39.603	ng		99
31) Naphthalene	8.23	128	1458180	41.306	ng		99
32) Benzoic acid	7.97	122	278007	33.406	ng		99
33) 4-Chloroaniline	8.27	127	633978	40.115	ng		100
34) Hexachlorobutadiene	8.35	225	296430	40.543	ng		98
35) Caprolactam	8.65	113	134269	39.187	ng		97
36) 4-Chloro-3-methylphenol	8.75	107	453900	41.485	ng		95
37) 2-Methylnaphthalene	8.92	142	984721	41.284	ng		99
38) 1-Methylnaphthalene	9.02	142	931632	41.314	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	462577	38.419	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	250170	37.076	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	328794	38.125	ng		98
44) 2,4,5-Trichlorophenol	9.24	196	339085	37.869	ng		98
46) 1,1'-Biphenyl	9.39	154	1216565	39.551	ng		99
47) 2-Chloronaphthalene	9.42	162	976888	38.605	ng		99
48) 2-Nitroaniline	9.50	65	310079	40.589	ng		98
49) Acenaphthylene	9.83	152	1465598	39.726	ng		100
50) Dimethylphthalate	9.69	163	1139270	39.186	ng		100
51) 2,6-Dinitrotoluene	9.75	165	257452	40.517	ng		86
52) Acenaphthene	10.00	154	954258	40.378	ng		99
53) 3-Nitroaniline	9.92	138	304726	40.079	ng		97
54) 2,4-Dinitrophenol	10.02	184	120354	40.759	ng	#	84
55) Dibenzofuran	10.17	168	1312498	40.105	ng		98
56) 4-Nitrophenol	10.07	139	224099	39.487	ng		94
57) 2,4-Dinitrotoluene	10.16	165	341250	42.219	ng		91
58) Fluorene	10.52	166	1021922	40.296	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	282872	38.448	ng		96
60) Diethylphthalate	10.39	149	1160229	40.933	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	525139	40.803	ng		96
62) 4-Nitroaniline	10.54	138	316203	41.536	ng		98
63) Azobenzene	10.67	77	1038455	40.270	ng		99
65) 4,6-Dinitro-2-methylphenol	10.56	198	155347	42.191	ng		82
66) n-Nitrosodiphenylamine	10.63	169	903380	39.356	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	330109	38.790	ng		95
68) Hexachlorobenzene	11.07	284	387327	39.032	ng		98
69) Atrazine	11.16	200	293320	38.846	ng		98
70) Pentachlorophenol	11.26	266	217886	37.583	ng		99
71) Phenanthrene	11.49	178	1581502	39.882	ng		99
72) Anthracene	11.54	178	1570890	39.955	ng		100
73) Carbazole	11.69	167	1436709	41.817	ng		100
74) Di-n-butylphthalate	12.02	149	2016089	47.130	ng		100
75) Fluoranthene	12.68	202	1832256	47.763	ng		99
77) Benzidine	12.80	184	796151	39.062	ng		100
78) Pyrene	12.91	202	1885547	37.497	ng		100
80) Butylbenzylphthalate	13.52	149	874396	40.486	ng		93
81) Benzo(a)anthracene	14.10	228	1571742	38.226	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	581877	40.457	ng		98
83) Chrysene	14.14	228	1517504	38.087	ng		99
84) Bis(2-ethylhexyl)phthalate	14.08	149	1127748	43.070	ng		99
85) Di-n-octyl phthalate	14.70	149	1811118	47.083	ng		100
86) Indeno(1,2,3-cd)pyrene	17.15	276	1375301	40.557	ng		99
88) Benzo(b)fluoranthene	15.17	252	1513222	38.622	ng		99
89) Benzo(k)fluoranthene	15.20	252	1351904	36.620	ng		99
90) Benzo(a)pyrene	15.55	252	1288210	37.390	ng		99
91) Dibenzo(a,h)anthracene	17.17	278	1138923	38.407	ng		97
92) Benzo(g,h,i)perylene	17.62	276	1028873	34.834	ng		98

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

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