Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117784.D
Acq On : 14 Nov 2019 9:16
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 14 10:40:38 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	6.93	152	299924	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1150689	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	600810	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1148244	20.00	ng		0.00
76) Chrysene-d12	14.12	240	735269	20.00	ng		0.00
87) Perylene-d12	15.62	264	657962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1346202	79.45	ng		0.00
7) Phenol-d6	6.55	99	1653773	80.92	ng		0.00
23) Nitrobenzene-d5	7.49	82	1624011	83.90	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	528583	83.10	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2889180	86.27	ng		0.00
79) Terphenyl-d14	13.06	244	3121764	77.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	311525	39.333	ng		100
3) Pyridine	3.49	79	833033	40.096	ng		100
4) n-Nitrosodimethylamine	3.45	42	373327	41.164	ng		99
6) Aniline	6.59	93	1135974	42.063	ng		99
8) 2-Chlorophenol	6.71	128	772992	42.043	ng		99
9) Benzaldehyde	6.47	77	543295	41.547	ng		98
10) Phenol	6.56	94	881960	41.529	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	710104	41.638	ng		99
12) 1,3-Dichlorobenzene	6.87	146	895682	41.380	ng		98
13) 1,4-Dichlorobenzene	6.95	146	907698	41.487	ng		99
14) 1,2-Dichlorobenzene	7.10	146	842597	40.268	ng		100
15) Benzyl Alcohol	7.06	79	677795	42.957	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1109940	42.272	ng		99
17) 2-Methylphenol	7.17	107	656665	42.176	ng		99
18) Hexachloroethane	7.45	117	339761	42.272	ng		98
19) n-Nitroso-di-n-propylamine	7.34	70	529891	42.028	ng		98
20) 3+4-Methylphenols	7.33	107	795896	41.180	ng	#	88
22) Acetophenone	7.34	105	1068743	41.340	ng	#	95
24) Nitrobenzene	7.51	77	839695	42.050	ng		98
25) Isophorone	7.75	82	1453322	40.964	ng		99
26) 2-Nitrophenol	7.83	139	411475	42.335	ng		99
27) 2,4-Dimethylphenol	7.86	122	631059	41.783	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	921193	40.917	ng		100
29) 2,4-Dichlorophenol	8.07	162	680088	41.513	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	784498	41.284	ng		100
31) Naphthalene	8.24	128	2216673	41.322	ng		100
32) Benzoic acid	7.98	122	546328	43.202	ng		99
33) 4-Chloroaniline	8.28	127	1008237	41.983	ng		99
34) Hexachlorobutadiene	8.35	225	458448	41.264	ng		99
35) Caprolactam	8.66	113	224341	43.088	ng		97
36) 4-Chloro-3-methylphenol	8.76	107	688373	41.403	ng		97
37) 2-Methylnaphthalene	8.93	142	1510345	41.670	ng		99
38) 1-Methylnaphthalene	9.03	142	1414572	41.282	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	721982	41.379	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	395078	40.405 ng	100
43) 2,4,6-Trichlorophenol	9.20	196	517527	41.411 ng	98
44) 2,4,5-Trichlorophenol	9.24	196	535737	41.288 ng	98
46) 1,1'-Biphenyl	9.40	154	1840535	41.291 ng	98
47) 2-Chloronaphthalene	9.42	162	1513950	41.286 ng	99
48) 2-Nitroaniline	9.52	65	477097	43.096 ng	90
49) Acenaphthylene	9.84	152	2194808	41.054 ng	98
50) Dimethylphthalate	9.70	163	1739158	41.279 ng	99
51) 2,6-Dinitrotoluene	9.76	165	395192	42.919 ng	90
52) Acenaphthene	10.01	154	1410270	41.178 ng	100
53) 3-Nitroaniline	9.93	138	469104	42.576 ng	96
54) 2,4-Dinitrophenol	10.03	184	177331	41.321 ng	92
55) Dibenzofuran	10.19	168	1962997	41.392 ng	98
56) 4-Nitrophenol	10.07	139	355255	43.196 ng	96
57) 2,4-Dinitrotoluene	10.16	165	511529	43.672 ng	89
58) Fluorene	10.53	166	1488561	40.504 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	444401	41.683 ng	99
60) Diethylphthalate	10.40	149	1730131	42.121 ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	765001	41.018 ng	95
62) 4-Nitroaniline	10.55	138	476375	43.182 ng	99
63) Azobenzene	10.68	77	1552888	41.556 ng	97
65) 4,6-Dinitro-2-methylphenol	10.57	198	231477	43.183 ng	82
66) n-Nitrosodiphenylamine	10.64	169	1358634	40.657 ng	99
67) 4-Bromophenyl-phenylether	11.01	248	501142	40.449 ng	94
68) Hexachlorobenzene	11.08	284	598416	41.422 ng	93
69) Atrazine	11.16	200	428766	39.005 ng	99
70) Pentachlorophenol	11.27	266	349046	41.355 ng	99
71) Phenanthrene	11.49	178	2283946	39.563 ng	99
72) Anthracene	11.55	178	2276284	39.769 ng	98
73) Carbazole	11.70	167	2062946	41.244 ng	99
74) Di-n-butylphthalate	12.03	149	2488722	39.963 ng	99
75) Fluoranthene	12.69	202	2327576	44.130 ng	97
77) Benzidine	12.80	184	1040418	43.199 ng	99
78) Pyrene	12.92	202	2314745	38.955 ng	98
80) Butylbenzylphthalate	13.53	149	1048876	41.098 ng	97
81) Benzo(a)anthracene	14.11	228	1983750	40.828 ng	100
82) 3,3'-Dichlorobenzidine	14.07	252	730354	42.973 ng	99
83) Chrysene	14.15	228	1907201	40.508 ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1300560	42.033 ng	100
85) Di-n-octyl phthalate	14.71	149	1972154	43.387 ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1567296	39.113 ng	100
88) Benzo(b)fluoranthene	15.18	252	1739185	40.685 ng	99
89) Benzo(k)fluoranthene	15.21	252	1651884	41.012 ng	98
90) Benzo(a)pyrene	15.56	252	1531995	40.755 ng	99
91) Dibenzo(a,h)anthracene	17.18	278	1284214	39.692 ng	97
92) Benzo(g,h,i)perylene	17.63	276	1264642	39.243 ng	99

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

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