Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114968.D
Acq On : 12 Jun 2019 10:49
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Jun 12 12:48:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 12:22:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	249641	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1024838	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	494088	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	960249	20.00	ng		0.00
76) Chrysene-d12	13.77	240	653710	20.00	ng		0.00
87) Perylene-d12	15.15	264	682695	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	655939	44.47	ng		0.00
7) Phenol-d6	6.29	99	797087	44.80	ng		-0.01
23) Nitrobenzene-d5	7.21	82	710266	42.58	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	231090	43.00	ng		0.00
45) 2-Fluorobiphenyl	9.00	172	1405644	45.15	ng		0.00
79) Terphenyl-d14	12.73	244	1372109	41.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	141044	20.150	ng		99
3) Pyridine	2.96	79	405731	20.823	ng		98
4) n-Nitrosodimethylamine	2.89	42	140133	20.023	ng		99
6) Aniline	6.31	93	532757	22.106	ng	#	76
8) 2-Chlorophenol	6.43	128	367721	21.843	ng		97
9) Benzaldehyde	6.19	77	255806	22.464	ng		96
10) Phenol	6.30	94	446199	22.490	ng		96
11) bis(2-Chloroethyl)ether	6.39	93	325440	20.582	ng		98
12) 1,3-Dichlorobenzene	6.59	146	426663	21.837	ng		98
13) 1,4-Dichlorobenzene	6.66	146	429920	21.943	ng		98
14) 1,2-Dichlorobenzene	6.82	146	405821	22.820	ng		98
15) Benzyl Alcohol	6.79	79	290125	22.598	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	449153	20.655	ng		96
17) 2-Methylphenol	6.91	107	296570	21.039	ng		98
18) Hexachloroethane	7.16	117	151359	20.963	ng		98
19) n-Nitroso-di-n-propylamine	7.06	70	232295	20.879	ng		95
20) 3+4-Methylphenols	7.07	107	369287	23.398	ng		94
22) Acetophenone	7.06	105	495613	21.604	ng		96
24) Nitrobenzene	7.23	77	363825	20.968	ng		92
25) Isophorone	7.47	82	644338	19.727	ng		97
26) 2-Nitrophenol	7.55	139	195373	20.267	ng		98
27) 2,4-Dimethylphenol	7.59	122	290940	20.625	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	426384	20.407	ng		99
29) 2,4-Dichlorophenol	7.79	162	309958	20.982	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	358134	21.125	ng		99
31) Naphthalene	7.95	128	1080146	22.874	ng		98
32) Benzoic acid	7.70	122	180227	17.104	ng		98
33) 4-Chloroaniline	8.00	127	476173	21.368	ng		96
34) Hexachlorobutadiene	8.08	225	199267	20.956	ng		98
35) Caprolactam	8.36	113	100062	20.108	ng		98
36) 4-Chloro-3-methylphenol	8.49	107	310670	20.706	ng		96
37) 2-Methylnaphthalene	8.64	142	716502	22.328	ng		99
38) 1-Methylnaphthalene	8.74	142	675784	22.267	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	322926	22.732	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	138715	17.179 ng		99
43) 2,4,6-Trichlorophenol	8.92	196	225082	20.866 ng		98
44) 2,4,5-Trichlorophenol	8.96	196	234002	21.039 ng		99
46) 1,1'-Biphenyl	9.10	154	866625	23.445 ng		98
47) 2-Chloronaphthalene	9.13	162	706668	22.647 ng		98
48) 2-Nitroaniline	9.22	65	195733	20.607 ng		99
49) Acenaphthylene	9.54	152	1083531	23.564 ng		97
50) Dimethylphthalate	9.41	163	789762	21.267 ng		98
51) 2,6-Dinitrotoluene	9.46	165	175355	20.559 ng	#	87
52) Acenaphthene	9.71	154	638925	22.935 ng		98
53) 3-Nitroaniline	9.63	138	213630	20.858 ng		96
54) 2,4-Dinitrophenol	9.74	184	69195	16.391 ng		97
55) Dibenzofuran	9.88	168	939589	23.627 ng		97
56) 4-Nitrophenol	9.80	139	143809	19.701 ng		91
57) 2,4-Dinitrotoluene	9.86	165	233439	21.652 ng		94
58) Fluorene	10.22	166	691521	22.559 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	192506	21.410 ng		98
60) Diethylphthalate	10.10	149	766822	21.246 ng		98
61) 4-Chlorophenyl-phenylether	10.22	204	342117	22.293 ng		99
62) 4-Nitroaniline	10.23	138	213922	20.380 ng		98
63) Azobenzene	10.37	77	674920	21.484 ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	101031	18.761 ng		88
66) n-Nitrosodiphenylamine	10.33	169	633590	22.209 ng		99
67) 4-Bromophenyl-phenylether	10.70	248	223622	21.500 ng		97
68) Hexachlorobenzene	10.77	284	246075	21.424 ng	#	91
69) Atrazine	10.86	200	204757	21.300 ng		99
70) Pentachlorophenol	10.96	266	122347	18.995 ng		99
71) Phenanthrene	11.17	178	1091691	23.433 ng		98
72) Anthracene	11.23	178	1108297	23.438 ng		99
73) Carbazole	11.38	167	984856	22.876 ng		97
74) Di-n-butylphthalate	11.73	149	1192908	22.420 ng		98
75) Fluoranthene	12.36	202	1113819	23.114 ng		99
77) Benzidine	12.48	184	582376	20.357 ng		97
78) Pyrene	12.58	202	1136733	19.966 ng		98
80) Butylbenzylphthalate	13.21	149	503116	17.938 ng		96
81) Benzo(a)anthracene	13.76	228	986016	20.399 ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	391804	19.858 ng	#	97
83) Chrysene	13.80	228	972820	20.042 ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	632677	19.260 ng		98
85) Di-n-octyl phthalate	14.38	149	1111148	18.517 ng		100
86) Indeno(1,2,3-cd)pyrene	16.45	276	777691	17.043 ng		99
88) Benzo(b)fluoranthene	14.77	252	903585	20.330 ng		100
89) Benzo(k)fluoranthene	14.80	252	886218	22.976 ng		100
90) Benzo(a)pyrene	15.09	252	812659	21.051 ng		100
91) Dibenzo(a,h)anthracene	16.47	278	637062	19.536 ng		97
92) Benzo(g,h,i)perylene	16.84	276	606724	18.666 ng		99

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

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