Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114080.D
Acq On : 2 May 2019 12:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 03 03:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	80157	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	322344	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	174677	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	365792	20.00	ng		0.00
76) Chrysene-d12	14.06	240	334697	20.00	ng		-0.01
87) Perylene-d12	15.54	264	285254	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	399761	85.30	ng		0.00
7) Phenol-d6	6.52	99	502129	85.40	ng		0.00
23) Nitrobenzene-d5	7.45	82	469521	89.94	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	203718	95.74	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	989262	88.58	ng		-0.01
79) Terphenyl-d14	13.00	244	1475733	90.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	102915	46.585	ng		95
3) Pyridine	3.40	79	259848	43.092	ng		97
4) n-Nitrosodimethylamine	3.35	42	81121	39.299	ng		95
6) Aniline	6.55	93	340831	42.213	ng		99
8) 2-Chlorophenol	6.67	128	231336	43.235	ng		99
9) Benzaldehyde	6.44	77	132726	39.732	ng		96
10) Phenol	6.53	94	299775	42.636	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	222409	42.036	ng		96
12) 1,3-Dichlorobenzene	6.83	146	261503	43.153	ng		97
13) 1,4-Dichlorobenzene	6.91	146	264917	43.463	ng		98
14) 1,2-Dichlorobenzene	7.06	146	250110	44.649	ng		99
15) Benzyl Alcohol	7.03	79	204599	51.665	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	249646	40.420	ng		95
17) 2-Methylphenol	7.14	107	186781	39.824	ng		99
18) Hexachloroethane	7.40	117	92155	43.131	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	161193	42.333	ng		97
20) 3+4-Methylphenols	7.29	107	230727	43.541	ng	#	77
22) Acetophenone	7.30	105	308644	43.027	ng		96
24) Nitrobenzene	7.47	77	253610	43.964	ng		98
25) Isophorone	7.71	82	451534	42.269	ng		99
26) 2-Nitrophenol	7.79	139	126894	48.218	ng		98
27) 2,4-Dimethylphenol	7.82	122	177749	41.456	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	290292	42.646	ng		100
29) 2,4-Dichlorophenol	8.03	162	212659	43.372	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	236776	43.310	ng		98
31) Naphthalene	8.19	128	675820	44.133	ng		100
32) Benzoic acid	7.95	122	100649	34.760	ng		92
33) 4-Chloroaniline	8.24	127	279316	43.108	ng		97
34) Hexachlorobutadiene	8.32	225	149934	43.994	ng		98
35) Caprolactam	8.60	113	67546	43.306	ng		93
36) 4-Chloro-3-methylphenol	8.72	107	212472	43.740	ng		99
37) 2-Methylnaphthalene	8.89	142	461639	44.705	ng		99
38) 1-Methylnaphthalene	8.99	142	443719	44.521	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	245793	43.319	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	132712	41.943	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	153405	42.577	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	166094	41.099	ng		96
46) 1,1'-Biphenyl	9.35	154	591876	44.355	ng		97
47) 2-Chloronaphthalene	9.37	162	468436	43.167	ng		98
48) 2-Nitroaniline	9.46	65	132356	46.527	ng		97
49) Acenaphthylene	9.79	152	760470	44.764	ng		98
50) Dimethylphthalate	9.65	163	567947	44.958	ng		99
51) 2,6-Dinitrotoluene	9.70	165	127485	47.038	ng	#	88
52) Acenaphthene	9.96	154	432239	43.052	ng		97
53) 3-Nitroaniline	9.87	138	130398	45.786	ng		99
54) 2,4-Dinitrophenol	9.99	184	47294	44.458	ng	#	1
55) Dibenzofuran	10.13	168	676515	44.984	ng		98
56) 4-Nitrophenol	10.04	139	96335	42.721	ng		98
57) 2,4-Dinitrotoluene	10.11	165	171942	50.262	ng		95
58) Fluorene	10.47	166	530065	46.815	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	144782	40.767	ng		99
60) Diethylphthalate	10.34	149	551877	46.003	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	276679	46.141	ng		96
62) 4-Nitroaniline	10.49	138	137369	49.427	ng		98
63) Azobenzene	10.63	77	524418	45.104	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	78008	46.752	ng		90
66) n-Nitrosodiphenylamine	10.58	169	469752	42.799	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	187447	42.419	ng		95
68) Hexachlorobenzene	11.03	284	203483	41.904	ng	#	94
69) Atrazine	11.10	200	142732	39.976	ng		100
70) Pentachlorophenol	11.22	266	96742	35.187	ng		98
71) Phenanthrene	11.44	178	816752	44.429	ng		99
72) Anthracene	11.49	178	829502	44.684	ng		98
73) Carbazole	11.64	167	763877	46.123	ng		99
74) Di-n-butylphthalate	11.97	149	953419	48.938	ng		99
75) Fluoranthene	12.63	202	907141	45.229	ng		98
77) Benzidine	12.74	184	379842	38.089	ng		99
78) Pyrene	12.86	202	923136	39.440	ng		98
80) Butylbenzylphthalate	13.46	149	408592	44.369	ng		98
81) Benzo(a)anthracene	14.04	228	859572	43.589	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	321250	44.446	ng	#	98
83) Chrysene	14.09	228	829681	43.201	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	584839	49.915	ng		99
85) Di-n-octyl phthalate	14.65	149	953448	51.989	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	636093	34.966	ng		98
88) Benzo(b)fluoranthene	15.12	252	753833	41.769	ng		99
89) Benzo(k)fluoranthene	15.14	252	731528	47.121	ng		99
90) Benzo(a)pyrene	15.49	252	673847	43.166	ng		100
91) Dibenzo(a,h)anthracene	17.06	278	536770	36.630	ng		99
92) Benzo(g,h,i)perylene	17.50	276	492536	33.306	ng		99

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

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