Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108523.D
Acq On : 27 Aug 2018 20:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/28/2018 12:16:28 PM

Quant Time: Aug 28 02:09:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	115420	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	442586	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	211213	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	340217	20.00	ng		0.00
75) Chrysene-d12	14.19	240	282712	20.00	ng		0.00
86) Perylene-d12	15.75	264	267477	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	520624	81.66	ng		0.00
7) Phenol-d6	6.62	99	685516	80.92	ng		0.00
23) Nitrobenzene-d5	7.57	82	668368	84.27	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	165338	78.48	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1257729	95.60	ng		0.00
78) Terphenyl-d14	13.12	244	873232	78.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	120295	36.722	ng		88
3) Pyridine	3.65	79	317349	37.607	ng	#	84
4) n-Nitrosodimethylamine	3.61	42	164007	34.540	ng	#	82
6) Aniline	6.67	93	459056	39.837	ng		96
8) 2-Chlorophenol	6.79	128	296968	41.359	ng		98
9) Benzaldehyde	6.56	77	250402	38.123	ng		98
10) Phenol	6.64	94	383406	43.752	ng		95
11) bis(2-Chloroethyl)ether	6.73	93	283701	40.045	ng		88
12) 1,3-Dichlorobenzene	6.94	146	340389	41.000	ng		98
13) 1,4-Dichlorobenzene	7.02	146	344024	41.243	ng		98
14) 1,2-Dichlorobenzene	7.17	146	322190	41.525	ng		99
15) Benzyl Alcohol	7.14	79	279811	39.234	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	554649	38.003	ng		98
17) 2-Methylphenol	7.25	107	251573	40.857	ng		95
18) Hexachloroethane	7.51	117	110243	37.123	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	225538	39.369	ng		91
20) 3+4-Methylphenols	7.40	107	310929	39.405	ng		97
22) Acetophenone	7.41	105	426068	41.171	ng	#	90
24) Nitrobenzene	7.58	77	330323	41.185	ng		93
25) Isophorone	7.82	82	604502	39.987	ng		97
26) 2-Nitrophenol	7.90	139	140573	46.411	ng		94
27) 2,4-Dimethylphenol	7.92	122	271606	40.480	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	362789	41.108	ng		99
29) 2,4-Dichlorophenol	8.14	162	260218	42.143	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	283314	41.616	ng		97
31) Naphthalene	8.31	128	844725	41.968	ng		100
32) Benzoic acid	8.04	122	111872m	31.131	ng		
33) 4-Chloroaniline	8.35	127	356965	40.695	ng		98
34) Hexachlorobutadiene	8.41	225	187179	43.432	ng		99
35) Caprolactam	8.73	113	75714	39.129	ng	#	81
36) 4-Chloro-3-methylphenol	8.83	107	266691	40.037	ng		98
37) 2-Methylnaphthalene	9.00	142	584279	41.029	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	298956	46.092	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	19896	4.749	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	182974	45.460	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	184987m	41.751	ng		
45) 1,1'-Biphenyl	9.46	154	703668	45.186	ng		99
46) 2-Chloronaphthalene	9.49	162	543699	44.174	ng		98
47) 2-Nitroaniline	9.59	65	176120	44.224	ng		94
48) Acenaphthylene	9.91	152	838649	43.100	ng		100
49) Dimethylphthalate	9.76	163	649619	44.154	ng	#	98
50) 2,6-Dinitrotoluene	9.82	165	134818	43.798	ng		88
51) Acenaphthene	10.08	154	487549	40.908	ng		99
52) 3-Nitroaniline	10.00	138	139000	41.272	ng		99
53) 2,4-Dinitrophenol	10.11	184	18582	21.735	ng	#	20
54) Dibenzofuran	10.25	168	719406	41.664	ng		98
55) 4-Nitrophenol	10.15	139	79815	31.295	ng		87
56) 2,4-Dinitrotoluene	10.23	165	164788	41.590	ng	#	92
57) Fluorene	10.60	166	555322	40.628	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	143827	38.837	ng	#	87
59) Diethylphthalate	10.45	149	620277	43.538	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	295837	41.537	ng		92
61) 4-Nitroaniline	10.61	138	125010	37.543	ng		91
62) Azobenzene	10.74	77	580148	39.431	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	33508	28.663	ng		82
65) n-Nitrosodiphenylamine	10.70	169	504181	50.149	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	178097	48.170	ng	#	85
67) Hexachlorobenzene	11.15	284	168651	43.354	ng	#	87
68) Atrazine	11.22	200	160982	47.740	ng		97
69) Pentachlorophenol	11.34	266	59185	31.786	ng		96
70) Phenanthrene	11.57	178	685000	42.688	ng		99
71) Anthracene	11.62	178	700646	42.601	ng		100
72) Carbazole	11.77	167	578771	39.608	ng		99
73) Di-n-butylphthalate	12.08	149	830208	50.159	ng		99
74) Fluoranthene	12.76	202	661818	37.790	ng		95
76) Benzidine	12.88	184	363232	34.388	ng		100
77) Pyrene	12.99	202	655999	36.651	ng		99
79) Butylbenzylphthalate	13.59	149	283198	39.846	ng		97
80) Benzo(a)anthracene	14.18	228	669719	41.278	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	248219	42.689	ng	#	97
82) Chrysene	14.22	228	628377	42.245	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	391598	40.687	ng		99
84) Di-n-octyl phthalate	14.77	149	725206	49.407	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	490725	38.075	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	655760	41.029	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	641548	43.666	ng	#	96
89) Benzo(a)pyrene	15.68	252	594582	41.544	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	417554	35.261	ng	#	92
91) Benzo(g,h,i)perylene	17.85	276	380010	32.589	ng	#	90

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

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