Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110836.D
Acq On : 17 Nov 2018 1:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/19/2018 11:56:09 AM

Quant Time: Nov 17 03:39:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68758	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	298734	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	135953	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	224837	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	178850	20.00	ng		-0.01
87) Perylene-d12	15.66	264	130036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	338504	79.97	ng		-0.01
7) Phenol-d6	6.57	99	441879	81.63	ng		0.00
23) Nitrobenzene-d5	7.51	82	418238	80.63	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	96916	70.75	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	772363	81.14	ng		0.00
79) Terphenyl-d14	13.06	244	638310	66.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	79034	37.472	ng		90
3) Pyridine	3.52	79	179476	39.423	ng	#	85
4) n-Nitrosodimethylamine	3.48	42	79769	40.836	ng		87
6) Aniline	6.60	93	276888	39.224	ng	#	55
8) 2-Chlorophenol	6.73	128	201743	40.655	ng		99
9) Benzaldehyde	6.50	77	126308	44.842	ng		97
10) Phenol	6.58	94	253513	40.390	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	185014	39.332	ng		95
12) 1,3-Dichlorobenzene	6.88	146	216950	39.957	ng		98
13) 1,4-Dichlorobenzene	6.96	146	222196	40.300	ng		98
14) 1,2-Dichlorobenzene	7.11	146	209349	40.816	ng		98
15) Benzyl Alcohol	7.09	79	175923	41.530	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	293100	39.677	ng		72
17) 2-Methylphenol	7.19	107	159439	40.371	ng	#	84
18) Hexachloroethane	7.45	117	76591	37.628	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	141290	40.891	ng		94
20) 3+4-Methylphenols	7.35	107	209046	41.234	ng	#	90
22) Acetophenone	7.35	105	281729	40.466	ng	#	94
24) Nitrobenzene	7.53	77	216795	40.791	ng		98
25) Isophorone	7.76	82	336689	39.601	ng		96
26) 2-Nitrophenol	7.85	139	108044	40.750	ng		91
27) 2,4-Dimethylphenol	7.87	122	154263	38.203	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	227736	39.562	ng		100
29) 2,4-Dichlorophenol	8.08	162	167668	40.355	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	187067	39.933	ng		97
31) Naphthalene	8.25	128	555168	39.587	ng		100
32) Benzoic acid	7.99	122	78160m	27.357	ng		
33) 4-Chloroaniline	8.30	127	247422	38.950	ng		98
34) Hexachlorobutadiene	8.35	225	104558	39.077	ng		99
35) Caprolactam	8.68	113	54460	39.232	ng	#	88
36) 4-Chloro-3-methylphenol	8.77	107	181322	40.465	ng		100
37) 2-Methylnaphthalene	8.93	142	364341	39.631	ng		99
38) 1-Methylnaphthalene	9.03	142	347627	39.318	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	178676	41.519	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	2200	8.810	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	108820	40.240	ng		96
44) 2,4,5-Trichlorophenol	9.26	196	112092	38.858	ng		95
46) 1,1'-Biphenyl	9.40	154	516994	40.764	ng		100
47) 2-Chloronaphthalene	9.43	162	376177	41.171	ng		99
48) 2-Nitroaniline	9.53	65	118233	41.992	ng		93
49) Acenaphthylene	9.85	152	528041	40.130	ng		98
50) Dimethylphthalate	9.70	163	420111	41.413	ng		100
51) 2,6-Dinitrotoluene	9.77	165	91608	41.051	ng		95
52) Acenaphthene	10.02	154	332544	39.990	ng		98
53) 3-Nitroaniline	9.95	138	105291	40.725	ng		94
54) 2,4-Dinitrophenol	10.07	184	5498	10.523	ng	#	84
55) Dibenzofuran	10.19	168	481201	39.552	ng		100
56) 4-Nitrophenol	10.11	139	51785	30.191	ng		96
57) 2,4-Dinitrotoluene	10.18	165	112825	38.884	ng		99
58) Fluorene	10.53	166	363047	38.849	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79423m	34.999	ng		
60) Diethylphthalate	10.39	149	412408	41.092	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	196537	40.619	ng		96
62) 4-Nitroaniline	10.56	138	97352	37.393	ng		93
63) Azobenzene	10.68	77	387873	39.613	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	11226	9.907	ng		95
66) n-Nitrosodiphenylamine	10.64	169	342185	45.152	ng		97
67) 4-Bromophenyl-phenylether	11.01	248	109445	44.044	ng	#	91
68) Hexachlorobenzene	11.09	284	109127	41.654	ng		98
69) Atrazine	11.16	200	94710	40.872	ng		97
70) Pentachlorophenol	11.28	266	54466	38.962	ng		98
71) Phenanthrene	11.50	178	484275	40.203	ng		99
72) Anthracene	11.55	178	482966	39.747	ng		98
73) Carbazole	11.71	167	450466	38.602	ng		99
74) Di-n-butylphthalate	12.02	149	587224	42.912	ng		100
75) Fluoranthene	12.70	202	443676	36.739	ng		97
77) Benzidine	12.82	184	267911	54.471	ng		97
78) Pyrene	12.93	202	455903	33.106	ng		99
80) Butylbenzylphthalate	13.52	149	214069	36.116	ng		98
81) Benzo(a)anthracene	14.12	228	422632	39.535	ng		100
82) 3,3'-Dichlorobenzidine	14.07	252	145466	40.621	ng		98
83) Chrysene	14.16	228	406375	39.902	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	282592	38.433	ng	#	95
85) Di-n-octyl phthalate	14.69	149	513956	47.533	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	246778	33.767	ng		98
88) Benzo(b)fluoranthene	15.20	252	339292	43.615	ng		99
89) Benzo(k)fluoranthene	15.23	252	326528	42.479	ng		100
90) Benzo(a)pyrene	15.59	252	286448	40.528	ng		99
91) Dibenzo(a,h)anthracene	17.23	278	209498	35.026	ng		100
92) Benzo(g,h,i)perylene	17.71	276	195208	32.894	ng		97

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

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