Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106693.D
Acq On : 22 Jun 2018 7:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil

6/22/2018 10:23:50 AM

Quant Time: Jun 22 09:08:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	52718	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	200244	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	91654	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	172667	20.00	ng		0.00
75) Chrysene-d12	14.16	240	172857	20.00	ng		0.00
86) Perylene-d12	15.71	264	131674	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	246121	79.05	ng		0.00
7) Phenol-d6	6.61	99	300299	77.24	ng		0.00
23) Nitrobenzene-d5	7.53	82	270596	75.10	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	77480	72.94	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	477181	88.78	ng		0.00
78) Terphenyl-d14	13.08	244	555533	77.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	59137	36.947	ng		98
3) Pyridine	3.56	79	164211	37.829	ng		99
4) n-Nitrosodimethylamine	3.52	42	66339	35.982	ng		90
6) Aniline	6.62	93	199283	37.787	ng	#	84
8) 2-Chlorophenol	6.75	128	132294	38.742	ng		97
9) Benzaldehyde	6.51	77	101219	37.900	ng		99
10) Phenol	6.62	94	166051	37.424	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	138408	37.786	ng		99
12) 1,3-Dichlorobenzene	6.90	146	155936	38.990	ng		98
13) 1,4-Dichlorobenzene	6.98	146	156846	38.791	ng		99
14) 1,2-Dichlorobenzene	7.13	146	146618	39.566	ng		98
15) Benzyl Alcohol	7.10	79	112474	36.028	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	171965m	35.781	ng		
17) 2-Methylphenol	7.22	107	108460	37.116	ng		96
18) Hexachloroethane	7.47	117	29887	21.019	ng	#	86
19) n-Nitroso-di-n-propylamine	7.37	70	92376	36.045	ng		93
20) 3+4-Methylphenols	7.37	107	130843	40.278	ng	#	64
22) Acetophenone	7.37	105	179459	40.058	ng	#	95
24) Nitrobenzene	7.55	77	136917	37.219	ng		100
25) Isophorone	7.78	82	230170	36.251	ng		97
26) 2-Nitrophenol	7.86	139	42417	24.425	ng		98
27) 2,4-Dimethylphenol	7.90	122	103504	38.560	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	161871	37.970	ng		98
29) 2,4-Dichlorophenol	8.11	162	105957	37.705	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	125373	40.498	ng		99
31) Naphthalene	8.27	128	358331	38.275	ng		99
32) Benzoic acid	7.98	122	25942m	17.431	ng		
33) 4-Chloroaniline	8.32	127	147526	37.555	ng		99
34) Hexachlorobutadiene	8.38	225	84694	41.986	ng		99
35) Caprolactam	8.68	113	32441	35.414	ng		95
36) 4-Chloro-3-methylphenol	8.80	107	107273	36.266	ng		98
37) 2-Methylnaphthalene	8.96	142	242267	39.041	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	126780	41.074	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	71537	34.867	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	71537	33.414	ng		88
45) 1,1'-Biphenyl	9.42	154	297247	40.694	ng		97
46) 2-Chloronaphthalene	9.45	162	209275	36.398	ng		94
47) 2-Nitroaniline	9.55	65	72469	37.482	ng		96
48) Acenaphthylene	9.87	152	330114	36.366	ng		99
49) Dimethylphthalate	9.72	163	261187	37.995	ng		99
50) 2,6-Dinitrotoluene	9.78	165	46220	31.753	ng		95
51) Acenaphthene	10.04	154	206424	36.112	ng		97
52) 3-Nitroaniline	9.96	138	68088	40.649	ng		98
53) 2,4-Dinitrophenol	10.07	184	359	5.796	ng	#	5
54) Dibenzofuran	10.21	168	301416	38.509	ng		95
55) 4-Nitrophenol	10.14	139	40885	34.968	ng		98
56) 2,4-Dinitrotoluene	10.19	165	52932	27.859	ng	#	93
57) Fluorene	10.55	166	234562	37.765	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	62228	36.565	ng	#	78
59) Diethylphthalate	10.41	149	242497	36.550	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	125810	38.713	ng	#	85
61) 4-Nitroaniline	10.58	138	69482	41.797	ng		96
62) Azobenzene	10.70	77	207229	31.718	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	2172	2.035	ng		80
65) n-Nitrosodiphenylamine	10.66	169	211737	36.458	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	80487	39.058	ng	#	77
67) Hexachlorobenzene	11.11	284	84438	39.150	ng	#	80
68) Atrazine	11.18	200	59758	32.367	ng		96
69) Pentachlorophenol	11.30	266	38523	35.797	ng		99
70) Phenanthrene	11.52	178	332703	39.950	ng		99
71) Anthracene	11.58	178	343892	40.455	ng		99
72) Carbazole	11.73	167	313879	39.439	ng		98
73) Di-n-butylphthalate	12.04	149	356403	38.013	ng		99
74) Fluoranthene	12.72	202	388468	42.320	ng		95
76) Benzidine	12.84	184	211610	42.985	ng		98
77) Pyrene	12.95	202	402688	35.327	ng		100
79) Butylbenzylphthalate	13.55	149	155824	33.249	ng	#	95
80) Benzo(a)anthracene	14.15	228	391458	37.157	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	152008	41.054	ng	#	96
82) Chrysene	14.19	228	358211	36.959	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	212811	35.518	ng		97
84) Di-n-octyl phthalate	14.76	149	380757	38.985	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	273034	33.195	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	319416	39.051	ng	#	97
88) Benzo(k)fluoranthene	15.29	252	293104	37.629	ng	#	95
89) Benzo(a)pyrene	15.65	252	270034	37.136	ng	#	97
90) Dibenzo(a,h)anthracene	17.31	278	234947	38.126	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	221503	36.774	ng	#	91

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

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