Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106799.D
Acq On : 26 Jun 2018 4:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 10:56:03 AM

Quant Time: Jun 26 05:53:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41260	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	148934	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	66799	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	129042	20.00	ng		0.00
75) Chrysene-d12	14.15	240	115542	20.00	ng		-0.02
86) Perylene-d12	15.69	264	84534	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	192696	79.08	ng		0.00
7) Phenol-d6	6.61	99	227004	74.60	ng		0.00
23) Nitrobenzene-d5	7.53	82	204094	76.16	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	60428	78.05	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	362097	93.17	ng		0.00
78) Terphenyl-d14	13.08	244	431440	90.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	45562	36.371	ng		97
3) Pyridine	3.58	79	124433	36.626	ng		97
4) n-Nitrosodimethylamine	3.54	42	48353	33.509	ng		87
6) Aniline	6.62	93	148584	35.997	ng	#	80
8) 2-Chlorophenol	6.75	128	101710	38.057	ng		97
9) Benzaldehyde	6.52	77	73580	34.251	ng		96
10) Phenol	6.62	94	126051	36.298	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	104543	36.466	ng		99
12) 1,3-Dichlorobenzene	6.90	146	119278	38.106	ng		99
13) 1,4-Dichlorobenzene	6.98	146	121376	38.355	ng		100
14) 1,2-Dichlorobenzene	7.13	146	112917	38.934	ng		99
15) Benzyl Alcohol	7.10	79	85873	35.146	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	125717	33.423	ng		73
17) 2-Methylphenol	7.22	107	82310	35.989	ng		95
18) Hexachloroethane	7.47	117	29124	26.171	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	70465	35.131	ng		93
20) 3+4-Methylphenols	7.37	107	101106	39.601	ng	#	64
22) Acetophenone	7.37	105	136732	41.036	ng	#	97
24) Nitrobenzene	7.55	77	101596	37.132	ng		98
25) Isophorone	7.78	82	169830	35.962	ng		97
26) 2-Nitrophenol	7.86	139	41953	32.481	ng		98
27) 2,4-Dimethylphenol	7.90	122	78454	39.297	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	121025	38.169	ng		98
29) 2,4-Dichlorophenol	8.11	162	81120	38.811	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	95861	41.633	ng		97
31) Naphthalene	8.27	128	270616	38.864	ng		99
32) Benzoic acid	8.00	122	27477m	22.393	ng		
33) 4-Chloroaniline	8.32	127	108351	37.085	ng		97
34) Hexachlorobutadiene	8.37	225	65105	43.394	ng		99
35) Caprolactam	8.68	113	24523	35.994	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	78715	35.780	ng		97
37) 2-Methylnaphthalene	8.96	142	182855	39.619	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	96265	42.792	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	54970	36.761	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	55724m	35.713	ng		
45) 1,1'-Biphenyl	9.42	154	224677	42.204	ng		97
46) 2-Chloronaphthalene	9.45	162	155404	37.086	ng		95
47) 2-Nitroaniline	9.55	65	50421	35.782	ng		97
48) Acenaphthylene	9.87	152	244088	36.895	ng		100
49) Dimethylphthalate	9.71	163	195913	39.104	ng		99
50) 2,6-Dinitrotoluene	9.78	165	35936	33.874	ng		91
51) Acenaphthene	10.04	154	152597	36.629	ng		98
52) 3-Nitroaniline	9.96	138	48305	39.568	ng		98
53) 2,4-Dinitrophenol	10.08	184	110	5.539	ng	#	1
54) Dibenzofuran	10.21	168	225479	39.526	ng		96
55) 4-Nitrophenol	10.14	139	23996	28.160	ng		97
56) 2,4-Dinitrotoluene	10.19	165	42482	30.678	ng		92
57) Fluorene	10.55	166	173623	38.355	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	46630	37.595	ng	#	76
59) Diethylphthalate	10.41	149	179837	37.191	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	94290	39.809	ng	#	82
61) 4-Nitroaniline	10.58	138	49917	41.200	ng		91
62) Azobenzene	10.70	77	150271	31.558	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	2246	2.816	ng		82
65) n-Nitrosodiphenylamine	10.66	169	157142	36.205	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	61081	39.662	ng	#	81
67) Hexachlorobenzene	11.10	284	62594	38.833	ng	#	87
68) Atrazine	11.18	200	51218	37.120	ng		95
69) Pentachlorophenol	11.30	266	20050	24.930	ng		98
70) Phenanthrene	11.52	178	252458	40.562	ng		98
71) Anthracene	11.57	178	258452	40.683	ng		99
72) Carbazole	11.73	167	237724	39.968	ng		98
73) Di-n-butylphthalate	12.04	149	267218	38.136	ng		99
74) Fluoranthene	12.71	202	296501	43.221	ng		96
76) Benzidine	12.84	184	135925	41.307	ng		99
77) Pyrene	12.95	202	306801	40.267	ng		99
79) Butylbenzylphthalate	13.55	149	120914	38.598	ng	#	92
80) Benzo(a)anthracene	14.14	228	267814	38.031	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	102456	41.397	ng	#	96
82) Chrysene	14.18	228	243696	37.616	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	157329	39.283	ng	#	96
84) Di-n-octyl phthalate	14.73	149	278455	42.654	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	188097	34.213	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	212153	40.401	ng	#	97
88) Benzo(k)fluoranthene	15.26	252	188026	37.600	ng	#	95
89) Benzo(a)pyrene	15.62	252	177143	37.947	ng	#	95
90) Dibenzo(a,h)anthracene	17.28	278	160812	40.648	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	156432	40.454	ng	#	88

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

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