Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107725.D
Acq On : 27 Jul 2018 4:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/27/2018 2:54:27 PM

Quant Time: Jul 27 06:57:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165148	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	686541	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	297182	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	469827	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	385212	20.00	ng		-0.02
86) Perylene-d12	15.67	264	428724	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	754199	73.43	ng		-0.02
7) Phenol-d6	6.60	99	952705	77.25	ng		-0.01
23) Nitrobenzene-d5	7.53	82	920380	90.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	271835	80.44	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1815744	115.11	ng		-0.02
78) Terphenyl-d14	13.08	244	1198758	79.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	160662	33.605	ng	#	83
3) Pyridine	3.59	79	380530	29.257	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	110754	20.190	ng		96
6) Aniline	6.64	93	551518	34.671	ng	#	77
8) 2-Chlorophenol	6.75	128	453747	41.232	ng		96
9) Benzaldehyde	6.52	77	261567	33.629	ng		93
10) Phenol	6.61	94	501306	34.561	ng		90
11) bis(2-Chloroethyl)ether	6.70	93	503847	41.898	ng		97
12) 1,3-Dichlorobenzene	6.90	146	492783	39.496	ng		96
13) 1,4-Dichlorobenzene	6.98	146	564803	44.167	ng		99
14) 1,2-Dichlorobenzene	7.13	146	511236	44.548	ng		100
15) Benzyl Alcohol	7.11	79	324495	38.604	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	732774	36.119	ng		79
17) 2-Methylphenol	7.22	107	357543	38.227	ng	#	88
18) Hexachloroethane	7.47	117	182764	40.747	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	310725	38.998	ng		98
20) 3+4-Methylphenols	7.37	107	466709	42.022	ng	#	63
22) Acetophenone	7.38	105	636218	39.459	ng	#	93
24) Nitrobenzene	7.55	77	490341	42.083	ng		98
25) Isophorone	7.78	82	761321	35.050	ng		100
26) 2-Nitrophenol	7.87	139	262128	53.274	ng		97
27) 2,4-Dimethylphenol	7.90	122	331069	35.546	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	529255	36.461	ng		98
29) 2,4-Dichlorophenol	8.11	162	388949	40.858	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	434814	40.667	ng		98
31) Naphthalene	8.27	128	1310675	43.414	ng		99
32) Benzoic acid	8.02	122	194466	32.885	ng		97
33) 4-Chloroaniline	8.32	127	538962	40.844	ng		99
34) Hexachlorobutadiene	8.37	225	259958	40.917	ng		100
35) Caprolactam	8.70	113	104098	33.619	ng	#	82
36) 4-Chloro-3-methylphenol	8.80	107	405261	38.324	ng		97
37) 2-Methylnaphthalene	8.95	142	814920	38.953	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	429935	43.374	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	82756	16.424	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	247666	39.035	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	277376	41.830	ng		95
45) 1,1'-Biphenyl	9.42	154	1128879	43.606	ng		98
46) 2-Chloronaphthalene	9.45	162	832873	42.090	ng		100
47) 2-Nitroaniline	9.55	65	260265	45.115	ng		89
48) Acenaphthylene	9.87	152	1235253	41.555	ng		100
49) Dimethylphthalate	9.72	163	903838	40.354	ng		100
50) 2,6-Dinitrotoluene	9.79	165	195542	43.973	ng		92
51) Acenaphthene	10.04	154	696445	37.394	ng		100
52) 3-Nitroaniline	9.97	138	216921	40.098	ng		93
53) 2,4-Dinitrophenol	10.08	184	40612	31.179	ng	#	50
54) Dibenzofuran	10.21	168	1094115	39.903	ng		99
55) 4-Nitrophenol	10.15	139	76494	18.886	ng		91
56) 2,4-Dinitrotoluene	10.20	165	227378	42.360	ng	#	96
57) Fluorene	10.55	166	800704	40.933	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	227784	41.275	ng	#	85
59) Diethylphthalate	10.41	149	911689	38.975	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	450966	40.780	ng		92
61) 4-Nitroaniline	10.59	138	159563	35.106	ng		97
62) Azobenzene	10.70	77	814683	37.142	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	76609	36.349	ng		92
65) n-Nitrosodiphenylamine	10.67	169	748287	46.895	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	253035	45.751	ng		92
67) Hexachlorobenzene	11.10	284	260986	42.887	ng	#	86
68) Atrazine	11.18	200	203633	41.798	ng		94
69) Pentachlorophenol	11.30	266	131524	34.602	ng		97
70) Phenanthrene	11.52	178	919215	40.150	ng		99
71) Anthracene	11.57	178	1001768	43.458	ng		99
72) Carbazole	11.74	167	905774	37.786	ng		99
73) Di-n-butylphthalate	12.04	149	1205904	50.800	ng		99
74) Fluoranthene	12.71	202	889411	36.202	ng		96
76) Benzidine	12.84	184	365150	32.916	ng		99
77) Pyrene	12.94	202	904215	34.317	ng		98
79) Butylbenzylphthalate	13.54	149	412847	36.434	ng		96
80) Benzo(a)anthracene	14.14	228	860061	38.099	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	345301	55.002	ng		97
82) Chrysene	14.17	228	930211	42.897	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	559189	34.974	ng		100
84) Di-n-octyl phthalate	14.71	149	1062937	42.770	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	750640	40.843	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	817422	34.838	ng		97
88) Benzo(k)fluoranthene	15.25	252	1010189	43.945	ng	#	97
89) Benzo(a)pyrene	15.61	252	834671	38.889	ng		99
90) Dibenzo(a,h)anthracene	17.26	278	650707	35.073	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	584556m	31.942	ng		

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

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