Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107491.D
Acq On : 19 Jul 2018 3:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/19/2018 11:49:50 AM

Quant Time: Jul 19 05:51:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	102106	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	411268	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	223683	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	498652	20.00	ng		0.00
75) Chrysene-d12	14.17	240	428973	20.00	ng		0.00
86) Perylene-d12	15.71	264	314518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	479794	71.37	ng		-0.01
7) Phenol-d6	6.61	99	621365	71.49	ng		0.00
23) Nitrobenzene-d5	7.55	82	698873	90.61	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	159920	81.37	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1183667	88.70	ng		0.00
78) Terphenyl-d14	13.11	244	1357465	78.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	107292	32.325	ng		90
3) Pyridine	3.61	79	289024	32.285	ng	#	87
4) n-Nitrosodimethylamine	3.57	42	134196	36.506	ng	#	84
6) Aniline	6.65	93	409876	35.671	ng		90
8) 2-Chlorophenol	6.77	128	258575	38.031	ng		98
9) Benzaldehyde	6.54	77	233486	33.392	ng		87
10) Phenol	6.62	94	335871	36.042	ng	#	74
11) bis(2-Chloroethyl)ether	6.72	93	269147	35.392	ng		96
12) 1,3-Dichlorobenzene	6.92	146	306582	37.141	ng	#	83
13) 1,4-Dichlorobenzene	7.00	146	322990	39.472	ng		94
14) 1,2-Dichlorobenzene	7.15	146	292108m	38.153	ng		
15) Benzyl Alcohol	7.12	79	329526	37.749	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.25	45	288046	35.495	ng		77
17) 2-Methylphenol	7.23	107	237212	36.695	ng	#	84
18) Hexachloroethane	7.50	117	118305	38.857	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	230325	37.008	ng		96
20) 3+4-Methylphenols	7.38	107	291327	35.477	ng	#	75
22) Acetophenone	7.40	105	389822	34.498	ng	#	93
24) Nitrobenzene	7.57	77	348489	40.207	ng	#	89
25) Isophorone	7.80	82	537600	35.167	ng	#	92
26) 2-Nitrophenol	7.88	139	152196	51.656	ng	#	61
27) 2,4-Dimethylphenol	7.91	122	214593	34.927	ng	#	79
28) bis(2-Chloroethoxy)methane	8.01	93	336098	35.105	ng		96
29) 2,4-Dichlorophenol	8.12	162	252238	39.452	ng		96
30) 1,2,4-Trichlorobenzene	8.21	180	293730	37.939	ng		100
31) Naphthalene	8.29	128	733726	36.729	ng		98
32) Benzoic acid	8.02	122	142697	37.844	ng		94
33) 4-Chloroaniline	8.34	127	333767	38.579	ng	#	85
34) Hexachlorobutadiene	8.40	225	216110	41.715	ng		99
35) Caprolactam	8.71	113	80190	38.557	ng	#	82
36) 4-Chloro-3-methylphenol	8.81	107	315320	37.744	ng	#	81
37) 2-Methylnaphthalene	8.98	142	502197	38.139	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	345047	39.640	ng		95
40) Hexachlorocyclopentadiene	9.13	237	180787	39.766	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	209417	38.541 ng		99
43) 2,4,5-Trichlorophenol	9.30	196	213297	41.034 ng	#	87
45) 1,1'-Biphenyl	9.45	154	707747	36.596 ng		96
46) 2-Chloronaphthalene	9.48	162	579852	37.961 ng		96
47) 2-Nitroaniline	9.57	65	216597	46.337 ng	#	80
48) Acenaphthylene	9.90	152	813313	38.154 ng		96
49) Dimethylphthalate	9.75	163	678400	38.172 ng	#	98
50) 2,6-Dinitrotoluene	9.81	165	147675	43.544 ng	#	85
51) Acenaphthene	10.07	154	547919	38.773 ng		93
52) 3-Nitroaniline	9.98	138	145608	40.876 ng	#	77
53) 2,4-Dinitrophenol	10.08	184	68206	51.815 ng	#	27
54) Dibenzofuran	10.24	168	805690	36.895 ng		94
55) 4-Nitrophenol	10.14	139	117618	40.805 ng	#	56
56) 2,4-Dinitrotoluene	10.21	165	212366	48.042 ng	#	76
57) Fluorene	10.58	166	561985	38.857 ng		95
58) 2,3,4,6-Tetrachlorophenol	10.35	232	183290	36.402 ng		89
59) Diethylphthalate	10.44	149	685820	39.721 ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	350659	40.704 ng		90
61) 4-Nitroaniline	10.60	138	146831	43.313 ng	#	56
62) Azobenzene	10.73	77	736210	36.309 ng		89
64) 4,6-Dinitro-2-methylphenol	10.62	198	129608	48.423 ng		86
65) n-Nitrosodiphenylamine	10.69	169	581893	36.947 ng		95
66) 4-Bromophenyl-phenylether	11.06	248	213769	37.470 ng	#	87
67) Hexachlorobenzene	11.13	284	208592	39.499 ng	#	88
68) Atrazine	11.21	200	227147	38.166 ng		93
69) Pentachlorophenol	11.32	266	139715	35.801 ng		98
70) Phenanthrene	11.55	178	917407	36.917 ng		96
71) Anthracene	11.60	178	926384	37.427 ng		99
72) Carbazole	11.75	167	845315	36.074 ng		94
73) Di-n-butylphthalate	12.07	149	1097872	40.767 ng	#	97
74) Fluoranthene	12.74	202	1050437	37.190 ng		94
76) Benzidine	12.86	184	479230	28.785 ng		98
77) Pyrene	12.97	202	1076178	36.892 ng		98
79) Butylbenzylphthalate	13.58	149	470074	44.239 ng	#	89
80) Benzo(a)anthracene	14.16	228	949378	36.171 ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	298534	33.914 ng	#	92
82) Chrysene	14.20	228	871687	34.767 ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	625621	41.087 ng		94
84) Di-n-octyl phthalate	14.75	149	1009672	42.656 ng		100
85) Indeno(1,2,3-cd)pyrene	17.29	276	655192	36.712 ng	#	88
87) Benzo(b)fluoranthene	15.25	252	731941	39.759 ng	#	93
88) Benzo(k)fluoranthene	15.28	252	697232	38.809 ng	#	95
89) Benzo(a)pyrene	15.64	252	654306	38.724 ng	#	92
90) Dibenzo(a,h)anthracene	17.31	278	535064	41.959 ng	#	91
91) Benzo(g,h,i)perylene	17.77	276	524753	40.497 ng	#	87

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

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