Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107525.D
Acq On : 20 Jul 2018 15:29
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:28 PM

Quant Time: Jul 20 16:17:52 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 14:36:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	336013	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	1333763	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	594816	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	1149362	20.00	ng		0.00
75) Chrysene-d12	14.17	240	765509	20.00	ng		0.00
86) Perylene-d12	15.70	264	675554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2980397	134.71	ng		0.00
7) Phenol-d6	6.62	99	3419293	119.54	ng		0.01
23) Nitrobenzene-d5	7.55	82	3070428	122.76	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	978672	187.26	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	4411899	106.58	ng		0.00
78) Terphenyl-d14	13.11	244	4011599	130.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	738314	67.594	ng	#	83
3) Pyridine	3.64	79	2075389	70.447	ng	#	85
4) n-Nitrosodimethylamine	3.63	42	851135	70.358	ng		96
6) Aniline	6.66	93	2292020	60.615	ng	#	88
8) 2-Chlorophenol	6.78	128	1532129	68.477	ng		97
9) Benzaldehyde	6.54	77	915586	39.790	ng		99
10) Phenol	6.64	94	2002380	65.295	ng		77
11) bis(2-Chloroethyl)ether	6.72	93	1799819	71.918	ng		89
12) 1,3-Dichlorobenzene	6.92	146	1775444	65.359	ng		98
13) 1,4-Dichlorobenzene	7.00	146	1776112	65.958	ng		95
14) 1,2-Dichlorobenzene	7.15	146	1512264	60.022	ng		95
15) Benzyl Alcohol	7.13	79	1148546	39.982	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	2590277	96.995	ng		86
17) 2-Methylphenol	7.24	107	1312075	61.677	ng	#	90
18) Hexachloroethane	7.49	117	671645	67.035	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	1113750	54.380	ng		99
20) 3+4-Methylphenols	7.40	107	1405385	52.006	ng	#	73
22) Acetophenone	7.40	105	2003385	54.669	ng	#	91
24) Nitrobenzene	7.57	77	1682923	59.872	ng		98
25) Isophorone	7.81	82	3089970	62.326	ng		98
26) 2-Nitrophenol	7.88	139	883828	92.498	ng		100
27) 2,4-Dimethylphenol	7.92	122	1381513	69.335	ng		98
28) bis(2-Chloroethoxy)methane	8.01	93	1934578	62.307	ng		97
29) 2,4-Dichlorophenol	8.12	162	1344841	64.859	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	1436504	57.212	ng		99
31) Naphthalene	8.29	128	3613278	55.773	ng	#	89
32) Benzoic acid	8.08	122	1096072	89.632	ng		95
33) 4-Chloroaniline	8.34	127	1591304	56.717	ng		94
34) Hexachlorobutadiene	8.40	225	865864	51.537	ng		99
35) Caprolactam	8.75	113	444191m	65.857	ng		
36) 4-Chloro-3-methylphenol	8.83	107	1476405	54.494	ng		96
37) 2-Methylnaphthalene	8.98	142	2581178	60.444	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	1347497	58.216	ng		98
40) Hexachlorocyclopentadiene	9.12	237	832240	68.840	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	943613	65.307 ng		98
43) 2,4,5-Trichlorophenol	9.31	196	977940	70.750 ng		96
45) 1,1'-Biphenyl	9.45	154	3140251	61.061 ng		92
46) 2-Chloronaphthalene	9.47	162	2574377	63.379 ng		92
47) 2-Nitroaniline	9.58	65	987758	79.464 ng		92
48) Acenaphthylene	9.89	152	3610215	63.689 ng	#	88
49) Dimethylphthalate	9.75	163	3071457	64.990 ng	#	96
50) 2,6-Dinitrotoluene	9.81	165	720363	79.878 ng	#	89
51) Acenaphthene	10.06	154	2361877	62.853 ng		96
52) 3-Nitroaniline	10.00	138	879068	92.803 ng		95
53) 2,4-Dinitrophenol	10.09	184	332209	104.559 ng	#	20
55) 4-Nitrophenol	10.16	139	676018	88.196 ng		96
56) 2,4-Dinitrotoluene	10.22	165	845895	71.962 ng	#	89
57) Fluorene	10.58	166	2473498	64.315 ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.35	232	817987	61.092 ng		92
59) Diethylphthalate	10.44	149	2952853	64.313 ng	#	90
60) 4-Chlorophenyl-phenylether	10.57	204	1364594	59.568 ng		94
61) 4-Nitroaniline	10.62	138	585772	64.980 ng		98
62) Azobenzene	10.72	77	2765861	51.298 ng		86
64) 4,6-Dinitro-2-methylphenol	10.63	198	485458	88.664 ng		93
65) n-Nitrosodiphenylamine	10.69	169	2463927	67.875 ng		95
66) 4-Bromophenyl-phenylether	11.06	248	913617	69.478 ng	#	87
67) Hexachlorobenzene	11.12	284	1020061	83.802 ng	#	88
68) Atrazine	11.21	200	822915	59.989 ng		96
69) Pentachlorophenol	11.32	266	722036	80.269 ng		98
73) Di-n-butylphthalate	12.07	149	3817439	61.500 ng	#	90
76) Benzidine	12.86	184	1525947m	51.363 ng		
77) Pyrene	12.97	202	3536118	67.929 ng	#	89
79) Butylbenzylphthalate	13.57	149	1865501	98.382 ng	#	98
80) Benzo(a)anthracene	14.16	228	3084790	65.860 ng		91
81) 3,3'-Dichlorobenzidine	14.12	252	854246	54.381 ng		95
82) Chrysene	14.20	228	2835737	63.379 ng		91
83) Bis(2-ethylhexyl)phthalate	14.12	149	2222914	81.808 ng		94
84) Di-n-octyl phthalate	14.75	149	3424760	81.080 ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	2848256	89.433 ng		96
87) Benzo(b)fluoranthene	15.25	252	2726668	68.958 ng		97
88) Benzo(k)fluoranthene	15.28	252	2432791	63.044 ng		96
89) Benzo(a)pyrene	15.64	252	2453566	67.605 ng		96
90) Dibenzo(a,h)anthracene	17.31	278	2314047	84.484 ng		97
91) Benzo(g,h,i)perylene	17.78	276	2393335	85.992 ng		94

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

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