Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107550.D
Acq On : 21 Jul 2018 3:09
Operator : JU/SJ
Sample : J4030-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:51 PM

Quant Time: Jul 21 05:21:12 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	6.98	152	297372	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1001936	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	368252	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	699802	20.00	ng		0.00
75) Chrysene-d12	14.17	240	677970	20.00	ng		0.00
86) Perylene-d12	15.70	264	512211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1680655	90.87	ng		0.00
7) Phenol-d6	6.61	99	1952422	87.91	ng		0.00
23) Nitrobenzene-d5	7.54	82	1163295	78.36	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	411880	98.36	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1700096	77.05	ng		0.00
78) Terphenyl-d14	13.09	244	1674142	63.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	258174	29.990	ng	#	86
3) Pyridine	3.66	79	657019	28.054	ng	#	82
4) n-Nitrosodimethylamine	3.62	42	336108	34.028	ng		95
6) Aniline	6.66	93	542240	18.931	ng	#	89
8) 2-Chlorophenol	6.77	128	631762	31.882	ng		93
9) Benzaldehyde	6.53	77	326070	21.174	ng		97
10) Phenol	6.62	94	785592	30.078	ng		89
11) bis(2-Chloroethyl)ether	6.71	93	701643	32.403	ng		94
12) 1,3-Dichlorobenzene	6.92	146	693748	30.879	ng		99
13) 1,4-Dichlorobenzene	7.00	146	731137	31.752	ng		99
14) 1,2-Dichlorobenzene	7.15	146	656402	31.765	ng		98
15) Benzyl Alcohol	7.12	79	490049	32.377	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1080329	29.573	ng		83
17) 2-Methylphenol	7.23	107	506158	30.054	ng	#	95
18) Hexachloroethane	7.48	117	207920	25.744	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	421419	29.374	ng		96
20) 3+4-Methylphenols	7.38	107	634568	31.731	ng	#	47
22) Acetophenone	7.38	105	882296	37.496	ng	#	90
24) Nitrobenzene	7.56	77	634901	37.337	ng		99
25) Isophorone	7.79	82	1101197	34.739	ng		99
26) 2-Nitrophenol	7.88	139	257248	35.824	ng		98
27) 2,4-Dimethylphenol	7.91	122	504295	37.101	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	743477	35.096	ng		99
29) 2,4-Dichlorophenol	8.12	162	471683	33.951	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	505473	32.394	ng		99
31) Naphthalene	8.28	128	1693270	38.432	ng		98
32) Benzoic acid	8.02	122	8704m	8.666	ng		
33) 4-Chloroaniline	8.34	127	337228	17.512	ng		96
34) Hexachlorobutadiene	8.39	225	299284	32.278	ng		98
35) Caprolactam	8.69	113	134913	29.856	ng	#	75
36) 4-Chloro-3-methylphenol	8.81	107	448267	29.047	ng		99
37) 2-Methylnaphthalene	8.97	142	1086666	35.592	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	451650	36.771	ng		98
40) Hexachlorocyclopentadiene	9.12	237	64733	10.368	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	277350	35.277	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	285282	34.719	ng		96
45) 1,1'-Biphenyl	9.44	154	1185402	36.953	ng		99
46) 2-Chloronaphthalene	9.47	162	848388	34.600	ng		98
47) 2-Nitroaniline	9.57	65	285616	39.955	ng		91
48) Acenaphthylene	9.88	152	1354274	36.767	ng		99
49) Dimethylphthalate	9.73	163	1301318	46.888	ng		99
50) 2,6-Dinitrotoluene	9.80	165	185832	33.725	ng		95
51) Acenaphthene	10.05	154	766359	33.206	ng		100
52) 3-Nitroaniline	9.98	138	203010	30.284	ng		97
53) 2,4-Dinitrophenol	10.08	184	1663	9.164	ng	#	1
54) Dibenzofuran	10.22	168	1160487	34.156	ng		99
55) 4-Nitrophenol	10.14	139	316498	63.060	ng		95
56) 2,4-Dinitrotoluene	10.21	165	223479	33.599	ng	#	96
57) Fluorene	10.57	166	873059	36.018	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	235259	34.402	ng	#	88
59) Diethylphthalate	10.43	149	1023582	35.313	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	417690	30.481	ng		91
61) 4-Nitroaniline	10.59	138	223824	39.741	ng		92
62) Azobenzene	10.72	77	855127	31.462	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	5714	10.066	ng	#	54
65) n-Nitrosodiphenylamine	10.68	169	783487	32.965	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	254549	30.900	ng		91
67) Hexachlorobenzene	11.12	284	271507	29.954	ng	#	89
68) Atrazine	11.20	200	236628	32.609	ng		97
69) Pentachlorophenol	11.32	266	277712	49.052	ng		99
70) Phenanthrene	11.54	178	1394523	40.893	ng		99
71) Anthracene	11.59	178	1283617	37.385	ng		99
72) Carbazole	11.75	167	1241157	34.762	ng		99
73) Di-n-butylphthalate	12.06	149	1417909	36.488	ng		99
74) Fluoranthene	12.73	202	1666283	45.535	ng		99
76) Benzidine	12.85	184	335128	17.165	ng		97
77) Pyrene	12.97	202	1660214	35.801	ng		98
79) Butylbenzylphthalate	13.57	149	703014	35.251	ng		97
80) Benzo(a)anthracene	14.15	228	1453893	36.594	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	367937	28.034	ng		97
82) Chrysene	14.19	228	1365818	35.787	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	967224	34.372	ng		98
84) Di-n-octyl phthalate	14.74	149	1720602	39.337	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	848669	26.237	ng		95
87) Benzo(b)fluoranthene	15.24	252	1188964	42.413	ng		99
88) Benzo(k)fluoranthene	15.27	252	898071	32.700	ng		98
89) Benzo(a)pyrene	15.64	252	882780	34.427	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	706895	31.891	ng		96
91) Benzo(g,h,i)perylene	17.76	276	673068	30.784	ng		93

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

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