Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107044.D
Acq On : 2 Jul 2018 15:09
Operator : JU/SJ
Sample : J3742-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JCSA-302MS

Manual Integrations APPROVED
Sohil
7/3/2018 5:29:49 PM

Quant Time: Jul 02 17:30:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76359	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	289447	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	144135	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	256903	20.00	ng		0.00
75) Chrysene-d12	14.16	240	205642	20.00	ng		0.00
86) Perylene-d12	15.71	264	171873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	517178	114.69	ng		0.02
7) Phenol-d6	6.61	99	597313	106.07	ng		0.00
23) Nitrobenzene-d5	7.53	82	451058	86.60	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	226034	135.30	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	832689	100.47	ng		-0.01
78) Terphenyl-d14	13.08	244	869695	102.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	75533	32.580	ng	#	84
3) Pyridine	3.72	79	181818	28.917	ng		96
4) n-Nitrosodimethylamine	3.68	42	88672	33.205	ng		80
6) Aniline	6.63	93	100113	13.106	ng	#	32
8) 2-Chlorophenol	6.75	128	205981	41.646	ng		98
9) Benzaldehyde	6.52	77	80819	18.195	ng		92
10) Phenol	6.62	94	216498	33.687	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	213076	40.160	ng		98
12) 1,3-Dichlorobenzene	6.90	146	253025	43.678	ng		97
13) 1,4-Dichlorobenzene	6.98	146	249480	42.598	ng		97
14) 1,2-Dichlorobenzene	7.13	146	232307	43.281	ng		97
15) Benzyl Alcohol	7.11	79	169560	37.498	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	287086	41.241	ng	#	24
17) 2-Methylphenol	7.22	107	173030	40.880	ng	#	86
18) Hexachloroethane	7.47	117	77308	37.537	ng	#	82
19) n-Nitroso-di-n-propylamine	7.37	70	143100	38.550	ng		94
20) 3+4-Methylphenols	7.38	107	215182	47.986	ng		93
22) Acetophenone	7.37	105	293214	45.279	ng		100
24) Nitrobenzene	7.55	77	225199	42.350	ng		97
25) Isophorone	7.78	82	415846	45.310	ng		98
26) 2-Nitrophenol	7.86	139	116218	46.298	ng		95
27) 2,4-Dimethylphenol	7.90	122	193868	49.967	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	269652	43.759	ng		98
29) 2,4-Dichlorophenol	8.11	162	195783	48.198	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	217568	48.620	ng		98
31) Naphthalene	8.27	128	619027	45.744	ng		100
32) Benzoic acid	8.04	122	86036	32.576	ng		95
33) 4-Chloroaniline	8.31	127	43555	7.671	ng		98
34) Hexachlorobutadiene	8.37	225	143890	49.349	ng		99
35) Caprolactam	8.70	113	45830m	34.612	ng		
36) 4-Chloro-3-methylphenol	8.81	107	193052	45.152	ng		95
37) 2-Methylnaphthalene	8.95	142	456736	50.920	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	241470	49.746	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	24615	9.856	ng		99

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Quant Time: Jul 02 17:30:55 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	137043	42.474	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	143750	42.696	ng		89
45) 1,1'-Biphenyl	9.42	154	533255	46.423	ng		98
46) 2-Chloronaphthalene	9.45	162	395839	43.779	ng		96
47) 2-Nitroaniline	9.55	65	121897	40.091	ng		97
48) Acenaphthylene	9.87	152	606877	42.513	ng		98
49) Dimethylphthalate	9.71	163	467098	43.209	ng		98
50) 2,6-Dinitrotoluene	9.79	165	105989	46.301	ng		91
51) Acenaphthene	10.04	154	365831	40.696	ng		98
52) 3-Nitroaniline	9.96	138	44133	16.754	ng		99
53) 2,4-Dinitrophenol	10.08	184	37893	35.061	ng	#	16
54) Dibenzofuran	10.21	168	546220	44.375	ng		98
55) 4-Nitrophenol	10.15	139	88210	47.975	ng		97
56) 2,4-Dinitrotoluene	10.20	165	130199	43.575	ng		88
57) Fluorene	10.55	166	434528	44.486	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	123356	46.092	ng	#	77
59) Diethylphthalate	10.41	149	445254	42.674	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	230766	45.154	ng	#	87
61) 4-Nitroaniline	10.58	138	87305	33.396	ng		92
62) Azobenzene	10.70	77	402833	39.206	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	34495	21.722	ng		75
65) n-Nitrosodiphenylamine	10.66	169	378562	43.810	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	155159	50.606	ng	#	80
67) Hexachlorobenzene	11.11	284	156019	48.619	ng	#	79
68) Atrazine	11.19	200	131740	47.958	ng		92
69) Pentachlorophenol	11.31	266	101299	63.266	ng		98
70) Phenanthrene	11.52	178	584844	47.199	ng		99
71) Anthracene	11.58	178	594918	47.038	ng		100
72) Carbazole	11.73	167	521361	44.030	ng		98
73) Di-n-butylphthalate	12.04	149	636484	45.626	ng		99
74) Fluoranthene	12.72	202	607932	44.513	ng		95
76) Benzidine	12.84	184	247069	42.186	ng		97
77) Pyrene	12.95	202	598224	44.115	ng		100
79) Butylbenzylphthalate	13.55	149	240713	43.174	ng	#	90
80) Benzo(a)anthracene	14.15	228	564687	45.055	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	175663	39.879	ng	#	96
82) Chrysene	14.19	228	526091	45.626	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	307353	43.119	ng	#	97
84) Di-n-octyl phthalate	14.74	149	539500	46.432	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	421624	43.088	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	500011	46.832	ng	#	96
88) Benzo(k)fluoranthene	15.29	252	460110	45.254	ng	#	94
89) Benzo(a)pyrene	15.65	252	445211	46.907	ng	#	96
90) Dibenzo(a,h)anthracene	17.32	278	362167	45.024	ng	#	94
91) Benzo(g,h,i)perylene	17.79	276	344612	43.832	ng	#	89

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

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