Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108060.D
Acq On : 9 Aug 2018 18:44
Operator : JU/SJ
Sample : J4382-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Manual Integrations APPROVED
Sohil
8/10/2018 12:13:20 PM

Quant Time: Aug 10 01:44:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	280412	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1034518	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	457599	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	736670	20.00	ng		0.00
75) Chrysene-d12	14.22	240	637314	20.00	ng		0.00
86) Perylene-d12	15.78	264	496791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1480141	95.56	ng		0.01
7) Phenol-d6	6.64	99	2025302	98.40	ng		0.00
23) Nitrobenzene-d5	7.58	82	1283134	69.21	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	411522	90.16	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2056162	72.14	ng		0.00
78) Terphenyl-d14	13.15	244	1793167	71.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	202269	25.415	ng	#	88
3) Pyridine	3.70	79	581545	28.366	ng	#	84
4) n-Nitrosodimethylamine	3.66	42	356061	30.866	ng		82
6) Aniline	6.68	93	811485	28.986	ng		95
8) 2-Chlorophenol	6.80	128	588739	33.750	ng		93
9) Benzaldehyde	6.57	77	463577	29.051	ng		97
10) Phenol	6.65	94	726738	34.135	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	569750	33.102	ng		92
12) 1,3-Dichlorobenzene	6.96	146	641369	31.798	ng		99
13) 1,4-Dichlorobenzene	7.04	146	643329	31.745	ng		97
14) 1,2-Dichlorobenzene	7.19	146	619574	32.869	ng		98
15) Benzyl Alcohol	7.15	79	570591	32.931	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1120255	31.594	ng		96
17) 2-Methylphenol	7.25	107	499498	33.390	ng		95
18) Hexachloroethane	7.53	117	196097	27.180	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	447453	32.149	ng	#	87
20) 3+4-Methylphenols	7.41	107	646882	33.744	ng		94
22) Acetophenone	7.42	105	856037	35.388	ng		95
24) Nitrobenzene	7.60	77	659243	35.165	ng		94
25) Isophorone	7.83	82	1173529	33.210	ng		96
26) 2-Nitrophenol	7.91	139	242122	34.199	ng		90
27) 2,4-Dimethylphenol	7.94	122	531521	33.891	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	717503	34.782	ng		99
29) 2,4-Dichlorophenol	8.15	162	498373	34.530	ng		96
30) 1,2,4-Trichlorobenzene	8.24	180	524049	32.933	ng		96
31) Naphthalene	8.32	128	1594170	33.884	ng		98
32) Benzoic acid	7.98	122	27870m	8.656	ng		
33) 4-Chloroaniline	8.37	127	560122	27.319	ng		97
34) Hexachlorobutadiene	8.44	225	329886	32.747	ng		97
35) Caprolactam	8.72	113	141351	31.252	ng	#	83
36) 4-Chloro-3-methylphenol	8.84	107	516027	33.142	ng		98
37) 2-Methylnaphthalene	9.01	142	1071702	32.196	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	529370	37.671	ng	#	97
40) Hexachlorocyclopentadiene	9.17	237	87144	9.601	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	339359	38.916	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	361342	37.642	ng		97
45) 1,1'-Biphenyl	9.48	154	1278141	37.883	ng		99
46) 2-Chloronaphthalene	9.51	162	968150	36.307	ng		99
47) 2-Nitroaniline	9.60	65	336804	39.036	ng		89
48) Acenaphthylene	9.93	152	1476795	35.031	ng		98
49) Dimethylphthalate	9.78	163	1529514	47.984	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	241488	36.211	ng		99
51) Acenaphthene	10.10	154	855859	33.146	ng		98
52) 3-Nitroaniline	10.01	138	238041	32.623	ng		96
53) 2,4-Dinitrophenol	10.11	184	14712	12.398	ng		88
54) Dibenzofuran	10.27	168	1261158	33.713	ng		97
55) 4-Nitrophenol	10.16	139	319515	57.826	ng		86
56) 2,4-Dinitrotoluene	10.24	165	286571	33.383	ng		89
57) Fluorene	10.62	166	941086	31.779	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	257603	32.107	ng	#	87
59) Diethylphthalate	10.48	149	1092157	35.384	ng		95
60) 4-Chlorophenyl-phenylether	10.61	204	504117	32.670	ng		90
61) 4-Nitroaniline	10.62	138	225437	31.250	ng		89
62) Azobenzene	10.77	77	1006373	31.571	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	18523	11.308	ng		84
65) n-Nitrosodiphenylamine	10.72	169	882708	40.548	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	301401	37.649	ng	#	82
67) Hexachlorobenzene	11.17	284	293847	34.885	ng	#	89
68) Atrazine	11.24	200	279398	38.266	ng		97
69) Pentachlorophenol	11.36	266	269425	66.827	ng		95
70) Phenanthrene	11.59	178	1218691	35.074	ng		99
71) Anthracene	11.64	178	1249257	35.079	ng		99
72) Carbazole	11.79	167	1127112	35.622	ng		99
73) Di-n-butylphthalate	12.11	149	1359244	37.927	ng		98
74) Fluoranthene	12.78	202	1308368	34.502	ng		95
76) Benzidine	12.90	184	985884	41.403	ng		99
77) Pyrene	13.01	202	1345477	33.346	ng		100
79) Butylbenzylphthalate	13.62	149	573288	35.782	ng		94
80) Benzo(a)anthracene	14.21	228	1264647	34.577	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	510659	38.959	ng	#	96
82) Chrysene	14.24	228	1190877	35.515	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	817388	37.674	ng	#	99
84) Di-n-octyl phthalate	14.81	149	1380348	41.716	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.40	276	796696	27.421	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1028917	34.661	ng		96
88) Benzo(k)fluoranthene	15.34	252	979503	35.895	ng	#	97
89) Benzo(a)pyrene	15.71	252	908451	34.175	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	678087	30.830	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	641784	29.633	ng	#	91

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

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