Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107756.D
Acq On : 27 Jul 2018 19:55
Operator : JU/SJ
Sample : J4143-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Manual Integrations APPROVED
Sohil
7/30/2018 2:02:58 PM

Quant Time: Jul 28 01:55:40 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	6.97	152	168891	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	645996	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	264506	20.00	ng		-0.02
63) Phenanthrene-d10	11.51	188	395871	20.00	ng		0.00
75) Chrysene-d12	14.18	240	249444	20.00	ng		0.02
86) Perylene-d12	15.72	264	347117	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1071632	102.02	ng		0.00
7) Phenol-d6	6.61	99	1303493	103.34	ng		0.00
23) Nitrobenzene-d5	7.53	82	852271	89.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	335950	111.69	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1511182	103.89	ng		-0.02
78) Terphenyl-d14	13.09	244	1177688	120.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	107645	22.017	ng	#	84
3) Pyridine	3.64	79	261226	19.639	ng	#	85
4) n-Nitrosodimethylamine	3.61	42	91645	16.337	ng		93
6) Aniline	6.65	93	280051	17.215	ng	#	74
8) 2-Chlorophenol	6.75	128	378460	33.629	ng		96
9) Benzaldehyde	6.52	77	176167	19.920	ng		97
10) Phenol	6.62	94	456950	30.805	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	303189	24.653	ng		96
12) 1,3-Dichlorobenzene	6.90	146	390503	30.605	ng		98
13) 1,4-Dichlorobenzene	6.98	146	442011	33.798	ng		99
14) 1,2-Dichlorobenzene	7.13	146	384950	32.800	ng		100
15) Benzyl Alcohol	7.11	79	268541	31.239	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	612758	29.534	ng		74
17) 2-Methylphenol	7.22	107	302866	31.663	ng	#	85
18) Hexachloroethane	7.47	117	138380	30.168	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	259814	31.886	ng		97
20) 3+4-Methylphenols	7.37	107	389908	34.329	ng	#	51
22) Acetophenone	7.37	105	551024	36.320	ng	#	90
24) Nitrobenzene	7.55	77	367661	33.535	ng		97
25) Isophorone	7.78	82	733024	35.866	ng		99
26) 2-Nitrophenol	7.87	139	209562	45.264	ng		92
27) 2,4-Dimethylphenol	7.90	122	352082	40.175	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	451226	33.036	ng		99
29) 2,4-Dichlorophenol	8.11	162	316905	35.379	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	343579	34.151	ng		98
31) Naphthalene	8.27	128	1314278	46.266	ng		99
32) Benzoic acid	8.04	122	25241m	11.346	ng		
33) 4-Chloroaniline	8.34	127	217575	17.523	ng		97
34) Hexachlorobutadiene	8.37	225	201102	33.640	ng		99
35) Caprolactam	8.68	113	86213	29.591	ng	#	72
36) 4-Chloro-3-methylphenol	8.80	107	330036	33.169	ng		99
37) 2-Methylnaphthalene	8.95	142	793144	40.292	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	336523	38.144	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	18667	4.162	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	198527	35.156	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	239274	40.541	ng		96
45) 1,1'-Biphenyl	9.42	154	921491	39.993	ng		97
46) 2-Chloronaphthalene	9.45	162	645963	36.677	ng		97
47) 2-Nitroaniline	9.55	65	209409	40.784	ng		87
48) Acenaphthylene	9.87	152	1086173	41.054	ng		99
49) Dimethylphthalate	9.71	163	818268	41.047	ng		100
50) 2,6-Dinitrotoluene	9.79	165	145103	36.662	ng		90
51) Acenaphthene	10.04	154	1074644	64.828	ng		99
52) 3-Nitroaniline	9.97	138	117220	24.345	ng		97
53) 2,4-Dinitrophenol	10.10	184	16240	19.426	ng	#	7
54) Dibenzofuran	10.21	168	1171465	48.002	ng		99
55) 4-Nitrophenol	10.14	139	150371	41.712	ng		90
56) 2,4-Dinitrotoluene	10.20	165	159470	33.379	ng	#	83
57) Fluorene	10.55	166	1352741	77.697	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	181825	37.017	ng	#	81
59) Diethylphthalate	10.41	149	717733	34.474	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	318035	32.312	ng		93
61) 4-Nitroaniline	10.60	138	130359	32.224	ng		93
62) Azobenzene	10.70	77	572070	29.303	ng	#	83
64) 4,6-Dinitro-2-methylphenol	10.62	198	25893	19.779	ng	#	75
65) n-Nitrosodiphenylamine	10.67	169	637163	47.391	ng		94
66) 4-Bromophenyl-phenylether	11.03	248	191744	41.146	ng		91
67) Hexachlorobenzene	11.11	284	185659	36.209	ng	#	86
68) Atrazine	11.20	200	158442	38.598	ng		98
69) Pentachlorophenol	11.31	266	178702	55.797	ng		100
70) Phenanthrene	11.55	178	5669312m	293.885	ng		
71) Anthracene	11.59	178	3401803	175.142	ng		95
72) Carbazole	11.74	167	1017870	50.395	ng		99
73) Di-n-butylphthalate	12.04	149	878565	41.248	ng		99
74) Fluoranthene	12.75	202	7987299	385.849	ng		94
76) Benzidine	12.87	184	349507	48.654	ng		98
77) Pyrene	12.98	202	7179640	420.791	ng	#	90
79) Butylbenzylphthalate	13.55	149	378181	51.539	ng		92
80) Benzo(a)anthracene	14.17	228	5776901	395.194	ng	#	90
81) 3,3'-Dichlorobenzidine	14.13	252	229953	57.469	ng	#	97
82) Chrysene	14.21	228	3984588	283.764	ng	#	90
83) Bis(2-ethylhexyl)phthalate	14.11	149	539630	52.121	ng		99
84) Di-n-octyl phthalate	14.72	149	921879	57.284	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.33	276	2964663	249.111	ng	#	91
87) Benzo(b)fluoranthene	15.28	252	6727527m	354.130	ng		
88) Benzo(k)fluoranthene	15.30	252	1586904m	85.262	ng		
89) Benzo(a)pyrene	15.68	252	4642006	267.128	ng	#	93
90) Dibenzo(a,h)anthracene	17.33	278	967151	64.384	ng	#	92
91) Benzo(g,h,i)perylene	17.81	276	2674271	180.486	ng	#	91

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

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