Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016247.D
Acq On : 08 Aug 2018 13:23
Operator : SJ/JU
Sample : J4327-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-02-007-ABCDMSD

Quant Time: Aug 08 16:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37806	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	141675	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	71062	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	141942	20.00	ng		0.00
75) Chrysene-d12	21.64	240	152803	20.00	ng		0.00
86) Perylene-d12	23.97	264	153590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	220479	96.87	ng		0.00
7) Phenol-d6	7.30	99	269257	90.59	ng		0.00
23) Nitrobenzene-d5	9.32	82	196681	64.57	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	76696	85.10	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	348709	59.71	ng		0.00
78) Terphenyl-d14	20.09	244	463953	63.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	26760	25.095	ng	#	100
3) Pyridine	3.90	79	36489	14.204	ng	#	77
4) n-Nitrosodimethylamine	3.80	42	68845	34.360	ng	#	32
6) Aniline	7.46	93	66973	19.570	ng	#	87
8) 2-Chlorophenol	7.70	128	78017	28.842	ng		93
9) Benzaldehyde	7.28	77	40728	19.503	ng		83
10) Phenol	7.33	94	86963	29.260	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	66346	28.258	ng		93
12) 1,3-Dichlorobenzene	8.02	146	87036	27.489	ng	#	89
13) 1,4-Dichlorobenzene	8.17	146	88741	27.635	ng		96
14) 1,2-Dichlorobenzene	8.49	146	84697	26.956	ng	#	93
15) Benzyl Alcohol	8.39	79	67455	28.502	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.67	45	95055	26.453	ng		99
17) 2-Methylphenol	8.59	107	60133	29.602	ng	#	83
18) Hexachloroethane	9.20	117	39271	28.292	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	58456	26.908	ng	#	71
20) 3+4-Methylphenols	8.92	107	78237	26.769	ng		88
22) Acetophenone	8.98	105	113567	31.835	ng	#	83
24) Nitrobenzene	9.36	77	94259	30.743	ng	#	94
25) Isophorone	9.88	82	148607	35.667	ng	#	92
26) 2-Nitrophenol	10.07	139	39344	30.739	ng	#	50
27) 2,4-Dimethylphenol	10.13	122	64553	36.201	ng	#	78
28) bis(2-Chloroethoxy)methane	10.36	93	82542	30.480	ng		98
29) 2,4-Dichlorophenol	10.61	162	66399	31.336	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	73963	28.729	ng		98
31) Naphthalene	11.00	128	227592	31.741	ng		99
32) Benzoic acid	10.26	122	19022	13.994	ng		91
33) 4-Chloroaniline	11.13	127	60639	20.724	ng	#	84
34) Hexachlorobutadiene	11.26	225	54456	30.493	ng		97
35) Caprolactam	11.93	113	16328	27.822	ng	#	78
36) 4-Chloro-3-methylphenol	12.25	107	71182	30.543	ng	#	83
37) 2-Methylnaphthalene	12.60	142	159501	33.207	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	77839	32.174	ng	#	100
40) Hexachlorocyclopentadiene	12.93	237	66664	58.426	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	49368	32.615	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	50414	32.290	ng	#	82
45) 1,1'-Biphenyl	13.60	154	192871	30.074	ng		98
46) 2-Chloronaphthalene	13.66	162	150805	30.234	ng	#	91
47) 2-Nitroaniline	13.87	65	49918	30.270	ng	#	74
48) Acenaphthylene	14.50	152	236941	32.448	ng		99
49) Dimethylphthalate	14.23	163	216608	34.830	ng		100
50) 2,6-Dinitrotoluene	14.37	165	36861	29.458	ng	#	54
51) Acenaphthene	14.83	154	135166	30.098	ng		98
52) 3-Nitroaniline	14.70	138	30759	22.759	ng	#	73
53) 2,4-Dinitrophenol	14.93	184	27766	53.843	ng	#	73
54) Dibenzofuran	15.17	168	217595	29.402	ng	#	80
55) 4-Nitrophenol	15.02	139	53883	55.614	ng	#	88
56) 2,4-Dinitrotoluene	15.16	165	53463	29.881	ng	#	75
57) Fluorene	15.82	166	170497	31.003	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	42272	31.499	ng	#	100
59) Diethylphthalate	15.57	149	197634	29.484	ng		95
60) 4-Chlorophenyl-phenylether	15.80	204	83889	27.402	ng	#	79
61) 4-Nitroaniline	15.86	138	35179	27.129	ng	#	1
62) Azobenzene	16.09	77	216625	30.686	ng	#	74
64) 4,6-Dinitro-2-methylphenol	15.93	198	25999	30.177	ng		85
65) n-Nitrosodiphenylamine	16.02	169	143262	30.651	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	48095	29.923	ng	#	72
67) Hexachlorobenzene	16.82	284	50892	28.753	ng	#	68
68) Atrazine	16.96	200	52020	31.054	ng		97
69) Pentachlorophenol	17.16	266	53457	48.773	ng		99
70) Phenanthrene	17.55	178	245759	30.926	ng		99
71) Anthracene	17.64	178	250503	32.434	ng		100
72) Carbazole	17.92	167	228703	28.583	ng		97
73) Di-n-butylphthalate	18.44	149	315789	31.673	ng	#	96
74) Fluoranthene	19.54	202	280908	31.689	ng		99
76) Benzidine	19.73	184	32482	7.607	ng		97
77) Pyrene	19.90	202	283423	30.951	ng		99
79) Butylbenzylphthalate	20.76	149	152059	32.688	ng	#	79
80) Benzo(a)anthracene	21.62	228	295398	31.388	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	87319	23.035	ng		98
82) Chrysene	21.67	228	275959	30.568	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	224742	33.336	ng	#	91
84) Di-n-octyl phthalate	22.41	149	373541	32.967	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	344921	32.196	ng	#	95
87) Benzo(b)fluoranthene	23.27	252	301578	33.349	ng	#	95
88) Benzo(k)fluoranthene	23.31	252	279804	30.531	ng	#	96
89) Benzo(a)pyrene	23.87	252	284921	32.774	ng		99
90) Dibenzo(a,h)anthracene	26.36	278	291992	32.418	ng	#	94
91) Benzo(g,h,i)perylene	27.10	276	280105	32.881	ng	#	92

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

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