Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015828.D
Acq On : 07 Jul 2018 07:24
Operator : SJ/JU
Sample : J3820-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BU-03-070318MSD

Manual Integrations APPROVED
Sohil
7/9/2018 1:56:06 PM

Quant Time: Jul 09 01:08:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	120697	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	502868	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	279138	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	595216	20.00	ng		0.00
75) Chrysene-d12	21.76	240	460672	20.00	ng		-0.01
86) Perylene-d12	24.16	264	366449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	965998	137.26	ng		0.00
7) Phenol-d6	7.46	99	1121786	116.43	ng		0.00
23) Nitrobenzene-d5	9.50	82	995555	96.59	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	579107	158.78	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2168128	96.43	ng		0.00
78) Terphenyl-d14	20.22	244	2981899	120.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	103216	35.461	ng	#	100
3) Pyridine	4.02	79	251554	32.751	ng	#	79
4) n-Nitrosodimethylamine	3.93	42	239619	40.066	ng	#	45
6) Aniline	7.63	93	190917	16.344	ng		92
8) 2-Chlorophenol	7.87	128	404134	47.845	ng		96
9) Benzaldehyde	7.45	77	116368	19.163	ng		92
10) Phenol	7.49	94	384048	39.669	ng		94
11) bis(2-Chloroethyl)ether	7.72	93	347775	44.160	ng		87
12) 1,3-Dichlorobenzene	8.19	146	416192	44.441	ng	#	90
13) 1,4-Dichlorobenzene	8.34	146	430576	44.461	ng	#	94
14) 1,2-Dichlorobenzene	8.66	146	419691	44.810	ng	#	94
15) Benzyl Alcohol	8.56	79	372793	44.568	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.83	45	545269	63.396	ng		97
17) 2-Methylphenol	8.76	107	312089	46.530	ng	#	87
18) Hexachloroethane	9.39	117	174599	45.595	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	328293	42.397	ng	#	80
20) 3+4-Methylphenols	9.09	107	415500	44.598	ng		89
22) Acetophenone	9.15	105	612761	46.776	ng	#	88
24) Nitrobenzene	9.54	77	502922	50.129	ng		98
25) Isophorone	10.06	82	847750	53.890	ng	#	94
26) 2-Nitrophenol	10.25	139	215640	49.916	ng	#	62
27) 2,4-Dimethylphenol	10.30	122	365821	55.741	ng		86
28) bis(2-Chloroethoxy)methane	10.53	93	490639	47.873	ng		98
29) 2,4-Dichlorophenol	10.79	162	382404	52.610	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	408202	48.351	ng		96
31) Naphthalene	11.19	128	1278512	49.038	ng		100
32) Benzoic acid	10.49	122	209161	35.997	ng		86
33) 4-Chloroaniline	11.30	127	76646	7.211	ng	#	86
34) Hexachlorobutadiene	11.45	225	261818	46.468	ng		98
35) Caprolactam	12.11	113	75377m	31.269	ng		
36) 4-Chloro-3-methylphenol	12.41	107	415892	49.866	ng		89
37) 2-Methylnaphthalene	12.77	142	944654	50.934	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	463300	51.713	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	498549	114.540	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	304935	53.845	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	321107	52.489	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1189912	49.304	ng		99
46) 2-Chloronaphthalene	13.82	162	919591	50.962	ng	#	91
47) 2-Nitroaniline	14.03	65	312524	49.665	ng	#	81
48) Acenaphthylene	14.66	152	1504302	51.247	ng		99
49) Dimethylphthalate	14.38	163	1194910	48.538	ng		100
50) 2,6-Dinitrotoluene	14.52	165	249900	52.063	ng	#	71
51) Acenaphthene	14.99	154	871269	47.699	ng		97
52) 3-Nitroaniline	14.84	138	102420	19.494	ng	#	79
53) 2,4-Dinitrophenol	15.06	184	246598	100.680	ng	#	89
54) Dibenzofuran	15.32	168	1414691	50.262	ng	#	88
55) 4-Nitrophenol	15.14	139	327537	84.473	ng	#	72
56) 2,4-Dinitrotoluene	15.30	165	353178	50.965	ng		93
57) Fluorene	15.97	166	1155292	49.775	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	278965	54.039	ng	#	100
59) Diethylphthalate	15.72	149	1261304	47.811	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	578002	48.396	ng	#	88
61) 4-Nitroaniline	16.00	138	211876	38.874	ng	#	39
62) Azobenzene	16.24	77	1300381	52.585	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	169185	46.756	ng		87
65) n-Nitrosodiphenylamine	16.17	169	967317	47.429	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	342172	51.487	ng	#	86
67) Hexachlorobenzene	16.96	284	371963	50.088	ng	#	83
68) Atrazine	17.10	200	350778	52.288	ng		98
69) Pentachlorophenol	17.30	266	399155	86.863	ng		98
70) Phenanthrene	17.70	178	1670634	49.060	ng		99
71) Anthracene	17.79	178	1701907	50.892	ng		99
72) Carbazole	18.06	167	1465515	47.028	ng		99
73) Di-n-butylphthalate	18.57	149	2035453	48.460	ng	#	98
74) Fluoranthene	19.67	202	1738410	44.407	ng		99
76) Benzidine	19.85	184	222218	16.464	ng		98
77) Pyrene	20.03	202	1701313	59.287	ng		99
79) Butylbenzylphthalate	20.88	149	786571	56.705	ng	#	84
80) Benzo(a)anthracene	21.74	228	1434962	49.129	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	264403	25.195	ng		99
82) Chrysene	21.80	228	1323030	48.626	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1066497	52.035	ng		95
84) Di-n-octyl phthalate	22.54	149	1558571	46.636	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1272018	50.319	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1211560	49.521	ng	#	96
88) Benzo(k)fluoranthene	23.48	252	1129058	47.507	ng		98
89) Benzo(a)pyrene	24.06	252	1089199	50.574	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	1085543	56.022	ng		97
91) Benzo(g,h,i)perylene	27.40	276	1019435	59.877	ng		95

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

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