Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017605.D
Acq On : 09 Nov 2018 23:25
Operator : MJ/SJ
Sample : PB114693BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Manual Integrations APPROVED
Sohil
11/12/2018 11:53:17 AM

Quant Time: Nov 12 01:45:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	198278	20.00	ng		-0.03
21) Naphthalene-d8	10.39	136	859035	20.00	ng		-0.03
39) Acenaphthene-d10	14.26	164	533535	20.00	ng		-0.03
64) Phenanthrene-d10	17.02	188	1252125	20.00	ng		-0.03
76) Chrysene-d12	21.22	240	1349636	20.00	ng		-0.03
87) Perylene-d12	23.41	264	1207593	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1725916	147.22	ng		-0.02
7) Phenol-d6	6.81	99	2299138	144.00	ng		-0.02
23) Nitrobenzene-d5	8.77	82	1098826	74.81	ng		-0.03
42) 2,4,6-Tribromophenol	15.77	330	1095239	151.79	ng		-0.02
45) 2-Fluorobiphenyl	12.87	172	2661065	66.36	ng		-0.03
79) Terphenyl-d14	19.66	244	4259609	71.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	260054	43.441	ng	#	81
3) Pyridine	3.61	79	546902	39.705	ng	#	78
4) n-Nitrosodimethylamine	3.53	42	300795	54.398	ng	#	61
6) Aniline	6.96	93	787149	39.415	ng		95
8) 2-Chlorophenol	7.19	128	655319	48.319	ng		96
9) Benzaldehyde	6.77	77	436574	42.884	ng		91
10) Phenol	6.83	94	806937	46.960	ng		95
11) bis(2-Chloroethyl)ether	7.06	93	561727	41.007	ng		96
12) 1,3-Dichlorobenzene	7.51	146	662777	41.922	ng		97
13) 1,4-Dichlorobenzene	7.65	146	679525	42.069	ng		99
14) 1,2-Dichlorobenzene	7.96	146	648886	41.695	ng		99
15) Benzyl Alcohol	7.87	79	585559	50.174	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.15	45	848893	44.357	ng		97
17) 2-Methylphenol	8.07	107	543328	49.261	ng		96
18) Hexachloroethane	8.67	117	248894	45.026	ng		96
19) n-Nitroso-di-n-propylamine	8.43	70	486470	46.272	ng		94
20) 3+4-Methylphenols	8.39	107	747039	49.521	ng		97
22) Acetophenone	8.44	105	949656	43.611	ng	#	95
24) Nitrobenzene	8.82	77	735935	47.368	ng		92
25) Isophorone	9.34	82	1289188	53.154	ng		97
26) 2-Nitrophenol	9.52	139	346630	47.710	ng		90
27) 2,4-Dimethylphenol	9.58	122	614450	57.293	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	816798	47.847	ng		99
29) 2,4-Dichlorophenol	10.05	162	653278	52.463	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	662588	44.357	ng		99
31) Naphthalene	10.44	128	2007457	47.686	ng		99
32) Benzoic acid	9.75	122	434021m	54.238	ng		
33) 4-Chloroaniline	10.57	127	450870	24.798	ng		96
34) Hexachlorobutadiene	10.72	225	395168	41.751	ng		99
35) Caprolactam	11.36	113	202535m	44.631	ng		
36) 4-Chloro-3-methylphenol	11.69	107	721721	51.419	ng		96
37) 2-Methylnaphthalene	12.06	142	1517833	52.689	ng		98
38) 1-Methylnaphthalene	12.28	142	1457101	51.969	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	790908	42.094	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1082734	119.199 ng	99
43) 2,4,6-Trichlorophenol	12.69	196	553793	50.773 ng	100
44) 2,4,5-Trichlorophenol	12.76	196	597735	51.105 ng	98
46) 1,1'-Biphenyl	13.09	154	1973015	41.094 ng	99
47) 2-Chloronaphthalene	13.13	162	1543436	43.697 ng	99
48) 2-Nitroaniline	13.35	65	504187	50.226 ng	95
49) Acenaphthylene	13.99	152	2559270	49.987 ng	100
50) Dimethylphthalate	13.74	163	1948076	47.326 ng	99
51) 2,6-Dinitrotoluene	13.86	165	445228	49.144 ng	93
52) Acenaphthene	14.33	154	1478570	45.995 ng	98
53) 3-Nitroaniline	14.19	138	324690	33.091 ng	94
54) 2,4-Dinitrophenol	14.40	184	549428	100.971 ng	94
55) Dibenzofuran	14.67	168	2413313	45.144 ng	99
56) 4-Nitrophenol	14.51	139	774337	86.201 ng	90
57) 2,4-Dinitrotoluene	14.65	165	631538	51.865 ng	90
58) Fluorene	15.32	166	2016791	50.970 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	566254	53.112 ng	97
60) Diethylphthalate	15.11	149	2049890	50.216 ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	1011088	44.822 ng	99
62) 4-Nitroaniline	15.36	138	439837	40.943 ng	95
63) Azobenzene	15.62	77	1970506	49.663 ng	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	362838	45.545 ng	93
66) n-Nitrosodiphenylamine	15.54	169	1757851	46.402 ng	99
67) 4-Bromophenyl-phenylether	16.22	248	635613	46.232 ng	97
68) Hexachlorobenzene	16.32	284	711453	44.549 ng	99
69) Atrazine	16.50	200	648180	47.806 ng	98
70) Pentachlorophenol	16.67	266	913760	83.524 ng	99
71) Phenanthrene	17.06	178	3185656	47.156 ng	100
72) Anthracene	17.15	178	3258062	50.756 ng	100
73) Carbazole	17.43	167	2934916	44.760 ng	100
74) Di-n-butylphthalate	18.00	149	3482454	50.355 ng	99
75) Fluoranthene	19.09	202	3694491	48.600 ng	99
77) Benzidine	19.29	184	2586762	75.588 ng	98
78) Pyrene	19.45	202	3824880	50.706 ng	100
80) Butylbenzylphthalate	20.36	149	1565166	53.552 ng	91
81) Benzo(a)anthracene	21.20	228	3668718	48.305 ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	936987	33.101 ng	100
83) Chrysene	21.26	228	3466408	46.111 ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2186017	49.579 ng	99
85) Di-n-octyl phthalate	22.01	149	3704187	49.579 ng	97
86) Indeno(1,2,3-cd)pyrene	25.61	276	3231482m	38.433 ng	
88) Benzo(b)fluoranthene	22.76	252	3422554	51.838 ng	99
89) Benzo(k)fluoranthene	22.80	252	3338577	50.394 ng	100
90) Benzo(a)pyrene	23.32	252	3191725	50.915 ng	99
91) Dibenzo(a,h)anthracene	25.62	278	2741078	44.036 ng	99
92) Benzo(g,h,i)perylene	26.27	276	2575592	41.748 ng	99

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

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