Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
Data File : BM017403.D
Acq On : 29 Oct 2018 11:59
Operator : MJ/SJ
Sample : PB114216BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Manual Integrations APPROVED
Sohil
10/30/2018 4:43:02 PM

Quant Time: Oct 29 15:28:35 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	7.65	152	277924	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	1247420	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	758900	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	1732083	20.00	ng		0.00
76) Chrysene-d12	21.24	240	1937514	20.00	ng		0.00
87) Perylene-d12	23.45	264	1822902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2069805	125.96	ng		0.00
7) Phenol-d6	6.84	99	2875747	128.50	ng		0.00
23) Nitrobenzene-d5	8.80	82	1676553	78.61	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	1262828	123.05	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	4265939	74.79	ng		0.00
79) Terphenyl-d14	19.69	244	6466984	75.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	195368	23.283	ng	#	89
3) Pyridine	3.63	79	602105	31.186	ng		89
4) n-Nitrosodimethylamine	3.55	42	293378	37.852	ng	#	73
6) Aniline	6.99	93	639528	22.846	ng		97
8) 2-Chlorophenol	7.22	128	858566	45.163	ng		97
9) Benzaldehyde	6.80	77	365455	25.611	ng		98
10) Phenol	6.86	94	1074705	44.619	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	713771	37.174	ng		98
12) 1,3-Dichlorobenzene	7.53	146	806007	36.371	ng		99
13) 1,4-Dichlorobenzene	7.68	146	826337	36.497	ng		96
14) 1,2-Dichlorobenzene	7.99	146	806475	36.970	ng		99
15) Benzyl Alcohol	7.89	79	762359	46.603	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	975358	36.360	ng		99
17) 2-Methylphenol	8.09	107	730565	47.255	ng		99
18) Hexachloroethane	8.71	117	289654	37.383	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	605761	41.107	ng		97
20) 3+4-Methylphenols	8.42	107	1010298	47.780	ng		99
22) Acetophenone	8.47	105	1211506	38.314	ng	#	99
24) Nitrobenzene	8.85	77	891012	39.494	ng		97
25) Isophorone	9.37	82	1649139	46.824	ng		98
26) 2-Nitrophenol	9.55	139	462726	44.320	ng		97
27) 2,4-Dimethylphenol	9.62	122	828120	53.175	ng		98
28) bis(2-Chloroethoxy)methane	9.85	93	1057303	42.652	ng		99
29) 2,4-Dichlorophenol	10.08	162	857527	47.425	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	813509	37.504	ng		99
31) Naphthalene	10.47	128	2533754	41.448	ng		100
32) Benzoic acid	9.78	122	591594m	50.912	ng		
33) 4-Chloroaniline	10.59	127	282567	10.703	ng		98
34) Hexachlorobutadiene	10.75	225	482742	35.124	ng		98
35) Caprolactam	11.39	113	280506m	42.567	ng		
36) 4-Chloro-3-methylphenol	11.73	107	942571	46.245	ng		99
37) 2-Methylnaphthalene	12.09	142	1955708	46.751	ng		100
38) 1-Methylnaphthalene	12.31	142	1856422	45.596	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	987051	36.932	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1230979	95.276	ng		99
43) 2,4,6-Trichlorophenol	12.72	196	704312	45.397	ng		100
44) 2,4,5-Trichlorophenol	12.79	196	764118	45.930	ng		99
46) 1,1'-Biphenyl	13.12	154	2514220	36.815	ng		100
47) 2-Chloronaphthalene	13.16	162	1949478	38.802	ng		99
48) 2-Nitroaniline	13.38	65	594939	42.636	ng		94
49) Acenaphthylene	14.01	152	3227891	44.324	ng		100
50) Dimethylphthalate	13.76	163	2491995	42.562	ng		100
51) 2,6-Dinitrotoluene	13.88	165	554144	43.002	ng		98
52) Acenaphthene	14.36	154	1878713	41.088	ng		99
53) 3-Nitroaniline	14.21	138	314331	22.522	ng		96
54) 2,4-Dinitrophenol	14.42	184	643911	84.642	ng		98
55) Dibenzofuran	14.69	168	3024403	39.775	ng		99
56) 4-Nitrophenol	14.54	139	1389684	107.527	ng		99
57) 2,4-Dinitrotoluene	14.67	165	794182	45.854	ng	#	98
58) Fluorene	15.34	166	2456094	43.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	711246	46.901	ng		99
60) Diethylphthalate	15.13	149	2489663	42.878	ng		100
61) 4-Chlorophenyl-phenylether	15.34	204	1240422	38.659	ng		99
62) 4-Nitroaniline	15.39	138	604682	39.732	ng		99
63) Azobenzene	15.64	77	2342485	41.506	ng		99
65) 4,6-Dinitro-2-methylphenol	15.44	198	462633	42.528	ng		97
66) n-Nitrosodiphenylamine	15.57	169	2206076	42.098	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	801955	42.167	ng		96
68) Hexachlorobenzene	16.34	284	879930	39.831	ng		98
69) Atrazine	16.53	200	805649	42.955	ng		98
70) Pentachlorophenol	16.70	266	1104821	73.005	ng		99
71) Phenanthrene	17.09	178	3942661	42.189	ng		100
72) Anthracene	17.18	178	4088935	46.049	ng		100
73) Carbazole	17.46	167	3725571	41.074	ng		100
74) Di-n-butylphthalate	18.02	149	4278842	44.726	ng		99
75) Fluoranthene	19.11	202	4685095	44.553	ng		98
77) Benzidine	19.30	184	1437453	29.259	ng		98
78) Pyrene	19.47	202	4732055	43.699	ng		100
80) Butylbenzylphthalate	20.39	149	2006149	48.582	ng		94
81) Benzo(a)anthracene	21.23	228	4797977	44.005	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	1029122	25.325	ng		100
83) Chrysene	21.28	228	4551409	42.174	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2932962	46.684	ng		99
85) Di-n-octyl phthalate	22.04	149	5178841	48.430	ng		99
86) Indeno(1,2,3-cd)pyrene	25.66	276	4294939	35.582	ng		99
88) Benzo(b)fluoranthene	22.79	252	4786628	48.027	ng		100
89) Benzo(k)fluoranthene	22.84	252	4322803	43.225	ng		99
90) Benzo(a)pyrene	23.36	252	4254163	44.956	ng		100
91) Dibenzo(a,h)anthracene	25.67	278	3665422	39.009	ng		99
92) Benzo(g,h,i)perylene	26.33	276	3461398	37.168	ng		99

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

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