Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
Data File : BM017366.D
Acq On : 27 Oct 2018 01:59
Operator : MJ/SJ
Sample : PB114211BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114211BS

Manual Integrations APPROVED
Sohil
10/29/2018 2:15:08 PM

Quant Time: Oct 27 04:22:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	294504	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	1304552	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	827743	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	1922549	20.00	ng		-0.02
76) Chrysene-d12	21.24	240	2117254	20.00	ng		-0.02
87) Perylene-d12	23.45	264	1959254	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1610445	92.49	ng		-0.01
7) Phenol-d6	6.84	99	2256628	95.16	ng		-0.02
23) Nitrobenzene-d5	8.81	82	2000925	89.71	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	1047336	93.56	ng		-0.02
45) 2-Fluorobiphenyl	12.91	172	5109832	82.14	ng		-0.02
79) Terphenyl-d14	19.69	244	7921079	84.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	201099	22.617	ng		87
3) Pyridine	3.63	79	625884	30.593	ng	#	85
4) n-Nitrosodimethylamine	3.55	42	306253	37.289	ng	#	73
6) Aniline	6.99	93	607400	20.477	ng		97
8) 2-Chlorophenol	7.22	128	896087	44.483	ng		96
9) Benzaldehyde	6.81	77	380779	25.182	ng		96
10) Phenol	6.87	94	1129302	44.247	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	751603	36.941	ng		99
12) 1,3-Dichlorobenzene	7.54	146	829778	35.336	ng		98
13) 1,4-Dichlorobenzene	7.69	146	851307	35.483	ng		97
14) 1,2-Dichlorobenzene	8.00	146	834009	36.080	ng		99
15) Benzyl Alcohol	7.90	79	797687	46.018	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1041437	36.638	ng		98
17) 2-Methylphenol	8.10	107	773502	47.216	ng		97
18) Hexachloroethane	8.72	117	298402	36.344	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	647088	41.439	ng		98
20) 3+4-Methylphenols	8.43	107	1054635	47.069	ng		98
22) Acetophenone	8.47	105	1256927	38.009	ng	#	99
24) Nitrobenzene	8.85	77	941198	39.891	ng		96
25) Isophorone	9.37	82	1759950	47.782	ng		99
26) 2-Nitrophenol	9.55	139	481921	44.161	ng		98
27) 2,4-Dimethylphenol	9.62	122	890471	54.675	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	1121471	43.259	ng		100
29) 2,4-Dichlorophenol	10.08	162	910966	48.174	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	842799	37.153	ng		99
31) Naphthalene	10.47	128	2655823	41.542	ng		99
32) Benzoic acid	9.79	122	617449	50.810	ng		95
33) 4-Chloroaniline	10.60	127	257149	9.313	ng		99
34) Hexachlorobutadiene	10.76	225	503278	35.014	ng		98
35) Caprolactam	11.40	113	302359m	43.874	ng		
36) 4-Chloro-3-methylphenol	11.73	107	1027104	48.186	ng		97
37) 2-Methylnaphthalene	12.09	142	2077706	47.493	ng		99
38) 1-Methylnaphthalene	12.32	142	1981016	46.525	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1054276	36.167	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1316904	93.449	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	773139	45.689	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	836348	46.090	ng	97
46) 1,1'-Biphenyl	13.12	154	2724120	36.571	ng	99
47) 2-Chloronaphthalene	13.16	162	2105053	38.414	ng	100
48) 2-Nitroaniline	13.38	65	661029	43.326	ng	96
49) Acenaphthylene	14.02	152	3543095	44.606	ng	99
50) Dimethylphthalate	13.77	163	2737010	42.859	ng	99
51) 2,6-Dinitrotoluene	13.89	165	616569	43.867	ng	99
52) Acenaphthene	14.36	154	2054647	41.198	ng	98
53) 3-Nitroaniline	14.22	138	300731	19.755	ng	96
54) 2,4-Dinitrophenol	14.43	184	705640	85.003	ng	97
55) Dibenzofuran	14.70	168	3320824	40.041	ng	99
56) 4-Nitrophenol	14.54	139	1533799	108.752	ng	98
57) 2,4-Dinitrotoluene	14.68	165	878627	46.510	ng	99
58) Fluorene	15.35	166	2704806	44.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	782761	47.324	ng	99
60) Diethylphthalate	15.14	149	2749532	43.415	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1367129	39.064	ng	98
62) 4-Nitroaniline	15.39	138	678547	40.740	ng	99
63) Azobenzene	15.64	77	2620385	42.568	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	513299	42.514	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2453096	42.174	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	884292	41.890	ng	96
68) Hexachlorobenzene	16.35	284	968111	39.481	ng	100
69) Atrazine	16.53	200	890477	42.774	ng	97
70) Pentachlorophenol	16.70	266	1211028	72.095	ng	99
71) Phenanthrene	17.09	178	4384555	42.270	ng	99
72) Anthracene	17.18	178	4477201	45.426	ng	99
73) Carbazole	17.46	167	4088260	40.607	ng	100
74) Di-n-butylphthalate	18.03	149	4760187	44.828	ng	99
75) Fluoranthene	19.12	202	5111260	43.790	ng	99
77) Benzidine	19.31	184	1903531	35.457	ng	98
78) Pyrene	19.47	202	5195523	43.905	ng	99
80) Butylbenzylphthalate	20.39	149	2217122	49.052	ng	97
81) Benzo(a)anthracene	21.23	228	5246178	44.031	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1112618	25.055	ng	98
83) Chrysene	21.29	228	4925485	41.766	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3119208	45.576	ng	100
85) Di-n-octyl phthalate	22.04	149	5505500	47.266	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	4616431	34.998	ng	100
88) Benzo(b)fluoranthene	22.80	252	4963589	46.337	ng	99
89) Benzo(k)fluoranthene	22.84	252	4899371	45.581	ng	99
90) Benzo(a)pyrene	23.36	252	4603300	45.260	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	3971147	39.322	ng	99
92) Benzo(g,h,i)perylene	26.34	276	3607043	36.036	ng	100

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

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