Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
Data File : BM017750.D
Acq On : 22 Nov 2018 02:38
Operator : MJ/SJ
Sample : PB115005BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115005BSD

Manual Integrations APPROVED
mohammad
11/23/2018 11:51:25 AM

Quant Time: Nov 22 04:25:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	228025	20.00	ng		-0.02
21) Naphthalene-d8	10.36	136	993496	20.00	ng		-0.02
39) Acenaphthene-d10	14.24	164	599460	20.00	ng		-0.02
64) Phenanthrene-d10	16.99	188	1330591	20.00	ng		-0.02
76) Chrysene-d12	21.20	240	1396502	20.00	ng		-0.02
87) Perylene-d12	23.38	264	1294681	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	947306	70.11	ng		-0.02
7) Phenol-d6	6.79	99	1328902	70.42	ng		-0.02
23) Nitrobenzene-d5	8.75	82	1175722	61.09	ng		-0.02
42) 2,4,6-Tribromophenol	15.74	330	561780	65.22	ng		-0.02
45) 2-Fluorobiphenyl	12.85	172	3055112	66.12	ng		-0.02
79) Terphenyl-d14	19.64	244	3740919	60.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	135731	24.120	ng		89
3) Pyridine	3.59	79	406604	24.633	ng	#	85
4) n-Nitrosodimethylamine	3.52	42	200026	27.510	ng		90
6) Aniline	6.94	93	426875	18.241	ng		97
8) 2-Chlorophenol	7.16	128	540623	33.433	ng		96
9) Benzaldehyde	6.76	77	216151	15.724	ng		99
10) Phenol	6.81	94	672962	33.976	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	461434	29.510	ng		97
12) 1,3-Dichlorobenzene	7.48	146	521287	28.734	ng		99
13) 1,4-Dichlorobenzene	7.63	146	536607	28.857	ng		98
14) 1,2-Dichlorobenzene	7.94	146	522412	28.973	ng		97
15) Benzyl Alcohol	7.84	79	475821	31.662	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	544119	22.855	ng		92
17) 2-Methylphenol	8.04	107	456325	34.199	ng		98
18) Hexachloroethane	8.65	117	187520	28.612	ng		98
19) n-Nitroso-di-n-propylamine	8.40	70	403173	29.755	ng		91
20) 3+4-Methylphenols	8.37	107	608768	32.837	ng		100
22) Acetophenone	8.42	105	762060	30.733	ng	#	94
24) Nitrobenzene	8.79	77	572936	29.343	ng		99
25) Isophorone	9.31	82	1025984	34.518	ng		99
26) 2-Nitrophenol	9.49	139	275813	30.668	ng		96
27) 2,4-Dimethylphenol	9.56	122	492649	38.009	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	656477	32.610	ng		97
29) 2,4-Dichlorophenol	10.02	162	514956	34.225	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	518468	29.627	ng		99
31) Naphthalene	10.41	128	1603063	32.818	ng		99
32) Benzoic acid	9.72	122	328799m	28.004	ng		
33) 4-Chloroaniline	10.55	127	201548	9.422	ng		100
34) Hexachlorobutadiene	10.69	225	317304	29.207	ng		98
35) Caprolactam	11.33	113	157734m	28.467	ng		
36) 4-Chloro-3-methylphenol	11.67	107	591824	34.069	ng		99
37) 2-Methylnaphthalene	12.03	142	1227969	35.569	ng		100
38) 1-Methylnaphthalene	12.26	142	1179276	34.838	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	631573	29.878	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	859351	78.673 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	438829	33.143 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	462097	33.053 ng	98
46) 1,1'-Biphenyl	13.06	154	1601322	29.760 ng	99
47) 2-Chloronaphthalene	13.10	162	1230444	30.808 ng	98
48) 2-Nitroaniline	13.33	65	372819	30.184 ng	99
49) Acenaphthylene	13.96	152	2026240	33.767 ng	100
50) Dimethylphthalate	13.71	163	1552587	31.856 ng	100
51) 2,6-Dinitrotoluene	13.83	165	345942	31.876 ng	97
52) Acenaphthene	14.30	154	1164754	31.629 ng	97
53) 3-Nitroaniline	14.16	138	164793	13.947 ng	94
54) 2,4-Dinitrophenol	14.37	184	360537	56.692 ng	98
55) Dibenzofuran	14.65	168	1901773	31.601 ng	99
56) 4-Nitrophenol	14.49	139	562136	58.048 ng	99
57) 2,4-Dinitrotoluene	14.63	165	486286	33.240 ng	98
58) Fluorene	15.29	166	1554467	33.740 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	431467	33.554 ng	99
60) Diethylphthalate	15.08	149	1585803	30.113 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	789481	30.161 ng	95
62) 4-Nitroaniline	15.34	138	303971	27.296 ng	99
63) Azobenzene	15.59	77	1546493	31.768 ng	96
65) 4,6-Dinitro-2-methylphenol	15.39	198	256560	27.833 ng	95
66) n-Nitrosodiphenylamine	15.52	169	1367847	31.974 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	486745	30.930 ng	96
68) Hexachlorobenzene	16.30	284	540416	30.462 ng	95
69) Atrazine	16.48	200	491148	31.215 ng	98
70) Pentachlorophenol	16.65	266	658517	52.977 ng	98
71) Phenanthrene	17.04	178	2389636	33.097 ng	99
72) Anthracene	17.13	178	2443860	34.784 ng	100
73) Carbazole	17.40	167	2159799	30.422 ng	99
74) Di-n-butylphthalate	17.97	149	2652336	33.561 ng	100
75) Fluoranthene	19.06	202	2741872	33.563 ng	99
77) Benzidine	19.26	184	982581	21.607 ng	99
78) Pyrene	19.43	202	2835166	32.904 ng	99
80) Butylbenzylphthalate	20.34	149	1185025	33.861 ng	98
81) Benzo(a)anthracene	21.18	228	2740005	34.056 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	567300	18.270 ng	98
83) Chrysene	21.23	228	2574570	32.947 ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1729382	33.426 ng	99
85) Di-n-octyl phthalate	21.99	149	2939273	35.479 ng	97
86) Indeno(1,2,3-cd)pyrene	25.56	276	2510423	40.202 ng	99
88) Benzo(b)fluoranthene	22.73	252	2582448	34.060 ng	99
89) Benzo(k)fluoranthene	22.77	252	2525775	32.959 ng	100
90) Benzo(a)pyrene	23.29	252	2426347	35.097 ng	99
91) Dibenzo(a,h)anthracene	25.57	278	2158279	37.135 ng	99
92) Benzo(g,h,i)perylene	26.22	276	2029879	37.140 ng	99

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

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