Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015791.D
Acq On : 06 Jul 2018 08:20
Operator : SJ/JU
Sample : PB110755BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110755BSD

Manual Integrations APPROVED
Sohil
7/6/2018 5:22:02 PM

Quant Time: Jul 06 11:26:33 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	8.31	152	135060	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	545996	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	301285	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	610817	20.00	ng		0.00
75) Chrysene-d12	21.76	240	474594	20.00	ng		0.00
86) Perylene-d12	24.17	264	349035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	843055	107.05	ng		0.00
7) Phenol-d6	7.46	99	1099728	102.00	ng		0.00
23) Nitrobenzene-d5	9.50	82	1160933	103.74	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	405791	103.08	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2559123	105.45	ng		0.00
78) Terphenyl-d14	20.22	244	3200098	125.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	120043	36.856	ng	#	100
3) Pyridine	4.01	79	327028	38.049	ng	#	81
4) n-Nitrosodimethylamine	3.92	42	291312	43.529	ng	#	47
6) Aniline	7.63	93	420657	32.182	ng		93
8) 2-Chlorophenol	7.87	128	477504	50.520	ng		95
9) Benzaldehyde	7.44	77	237825	34.998	ng		91
10) Phenol	7.49	94	558250	51.531	ng		90
11) bis(2-Chloroethyl)ether	7.73	93	389191	44.163	ng		90
12) 1,3-Dichlorobenzene	8.19	146	478080	45.621	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	487536	44.989	ng		96
14) 1,2-Dichlorobenzene	8.67	146	480262	45.824	ng		94
15) Benzyl Alcohol	8.56	79	437593	46.751	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	616124	64.017	ng		97
17) 2-Methylphenol	8.76	107	381932	50.888	ng	#	87
18) Hexachloroethane	9.39	117	199952	46.663	ng		96
19) n-Nitroso-di-n-propylamine	9.13	70	364846	42.107	ng	#	79
20) 3+4-Methylphenols	9.09	107	513388	49.245	ng		90
22) Acetophenone	9.16	105	683942	48.086	ng	#	89
24) Nitrobenzene	9.55	77	550698	50.555	ng		97
25) Isophorone	10.06	82	927498	54.302	ng	#	95
26) 2-Nitrophenol	10.25	139	250384	53.380	ng	#	63
27) 2,4-Dimethylphenol	10.30	122	424031	59.507	ng	#	85
28) bis(2-Chloroethoxy)methane	10.53	93	553388	49.730	ng		99
29) 2,4-Dichlorophenol	10.79	162	446844	56.620	ng		98
30) 1,2,4-Trichlorobenzene	11.00	180	459785	50.159	ng		98
31) Naphthalene	11.19	128	1403315	49.574	ng		99
32) Benzoic acid	10.50	122	303392m	48.090	ng		
33) 4-Chloroaniline	11.30	127	213253	18.477	ng	#	88
34) Hexachlorobutadiene	11.45	225	299887	49.021	ng		98
35) Caprolactam	12.13	113	123011m	46.999	ng		
36) 4-Chloro-3-methylphenol	12.41	107	477030	52.679	ng		90
37) 2-Methylnaphthalene	12.78	142	1055743	52.428	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	517912	53.559	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	624439	131.397	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	342312	56.002	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	357426	54.131	ng	#	87
45) 1,1'-Biphenyl	13.77	154	1327474	50.961	ng		98
46) 2-Chloronaphthalene	13.82	162	1016220	52.178	ng	#	92
47) 2-Nitroaniline	14.03	65	338542	49.845	ng		83
48) Acenaphthylene	14.66	152	1631459	51.493	ng		99
49) Dimethylphthalate	14.39	163	1291855	48.618	ng		99
50) 2,6-Dinitrotoluene	14.52	165	272534	52.605	ng	#	72
51) Acenaphthene	15.00	154	945785	47.973	ng		97
52) 3-Nitroaniline	14.85	138	147074	25.936	ng		82
53) 2,4-Dinitrophenol	15.06	184	262804	99.498	ng		90
54) Dibenzofuran	15.33	168	1524177	50.172	ng	#	88
55) 4-Nitrophenol	15.15	139	422097	100.858	ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	376556	50.344	ng		95
57) Fluorene	15.97	166	1242580	49.600	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	304647	54.676	ng	#	100
59) Diethylphthalate	15.73	149	1339038	47.026	ng		97
60) 4-Chlorophenyl-phenylether	15.95	204	623802	48.391	ng	#	90
61) 4-Nitroaniline	16.01	138	244621	41.583	ng	#	40
62) Azobenzene	16.24	77	1385084	51.893	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	181918	48.991	ng		86
65) n-Nitrosodiphenylamine	16.17	169	1042659	49.817	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	368645	54.054	ng	#	84
67) Hexachlorobenzene	16.96	284	397526	52.163	ng	#	78
68) Atrazine	17.10	200	369037	53.605	ng		99
69) Pentachlorophenol	17.31	266	426485	90.440	ng		99
70) Phenanthrene	17.70	178	1773500	50.751	ng		99
71) Anthracene	17.79	178	1800694	52.471	ng		99
72) Carbazole	18.06	167	1553843	48.589	ng		98
73) Di-n-butylphthalate	18.57	149	2103501	48.801	ng	#	98
74) Fluoranthene	19.68	202	1836738	45.720	ng		99
76) Benzidine	19.85	184	600188	43.163	ng		99
77) Pyrene	20.04	202	1829348	61.879	ng		99
79) Butylbenzylphthalate	20.89	149	810542	56.719	ng		87
80) Benzo(a)anthracene	21.75	228	1534979	51.012	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	285002	26.361	ng		99
82) Chrysene	21.80	228	1415526	50.499	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1078977	51.100	ng		94
84) Di-n-octyl phthalate	22.55	149	1570875	45.626	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.65	276	1235822	47.453	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1251850	53.720	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1149632	50.786	ng		98
89) Benzo(a)pyrene	24.06	252	1114117	54.312	ng		99
90) Dibenzo(a,h)anthracene	26.65	278	1055890	57.211	ng		97
91) Benzo(g,h,i)perylene	27.41	276	988475	60.955	ng	#	94

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

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