Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015788.D
Acq On : 06 Jul 2018 06:28
Operator : SJ/JU
Sample : PB110790BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Manual Integrations APPROVED

Quant Time: Jul 06 08:49:37 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

Sohil

7/6/2018 5:21:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	130760	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	525144	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	286167	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	568949	20.00	ng		0.00
75) Chrysene-d12	21.76	240	424640	20.00	ng		0.00
86) Perylene-d12	24.17	264	342831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	1395356	183.01	ng		0.00
7) Phenol-d6	7.47	99	1807244	173.14	ng		0.00
23) Nitrobenzene-d5	9.50	82	1193998	110.93	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	680652	182.03	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2636361	114.37	ng		0.00
78) Terphenyl-d14	20.22	244	3126861	136.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	115745	36.705	ng	#	100
3) Pyridine	4.01	79	319788	38.431	ng	#	81
4) n-Nitrosodimethylamine	3.92	42	280848	43.345	ng	#	43
6) Aniline	7.63	93	427628	33.791	ng		91
8) 2-Chlorophenol	7.87	128	462229	50.512	ng		96
9) Benzaldehyde	7.45	77	197582	30.032	ng		93
10) Phenol	7.50	94	541792	51.656	ng		91
11) bis(2-Chloroethyl)ether	7.73	93	379019	44.423	ng		88
12) 1,3-Dichlorobenzene	8.19	146	461986	45.535	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	473785	45.158	ng		94
14) 1,2-Dichlorobenzene	8.67	146	460426	45.376	ng		95
15) Benzyl Alcohol	8.56	79	418056	46.132	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.83	45	596131	63.976	ng		98
17) 2-Methylphenol	8.76	107	369140	50.801	ng	#	87
18) Hexachloroethane	9.40	117	193557	46.656	ng		92
19) n-Nitroso-di-n-propylamine	9.13	70	353292	42.114	ng	#	79
20) 3+4-Methylphenols	9.09	107	492382	48.783	ng		90
22) Acetophenone	9.16	105	660177	48.258	ng	#	88
24) Nitrobenzene	9.55	77	531636	50.743	ng		98
25) Isophorone	10.06	82	901759	54.892	ng		94
26) 2-Nitrophenol	10.26	139	239482	53.083	ng	#	65
27) 2,4-Dimethylphenol	10.30	122	408845	59.654	ng	#	85
28) bis(2-Chloroethoxy)methane	10.54	93	534316	49.923	ng		99
29) 2,4-Dichlorophenol	10.79	162	429580	56.594	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	447276	50.732	ng		98
31) Naphthalene	11.19	128	1350905	49.617	ng		99
32) Benzoic acid	10.49	122	277240m	45.689	ng		
33) 4-Chloroaniline	11.30	127	226871	20.438	ng	#	89
34) Hexachlorobutadiene	11.45	225	288758	49.076	ng		96
35) Caprolactam	12.13	113	116202m	46.160	ng		
36) 4-Chloro-3-methylphenol	12.42	107	456427	52.405	ng		90
37) 2-Methylnaphthalene	12.78	142	1013184	52.312	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	499712	54.407	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	616199	136.145	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	328039	56.502 ng		98
43) 2,4,5-Trichlorophenol	13.46	196	342506	54.612 ng	#	85
45) 1,1'-Biphenyl	13.77	154	1275566	51.555 ng		99
46) 2-Chloronaphthalene	13.82	162	988294	53.424 ng	#	92
47) 2-Nitroaniline	14.03	65	325293	50.425 ng	#	80
48) Acenaphthylene	14.66	152	1576267	52.379 ng		99
49) Dimethylphthalate	14.39	163	1231323	48.789 ng		99
50) 2,6-Dinitrotoluene	14.52	165	257711	52.371 ng	#	76
51) Acenaphthene	15.00	154	909213	48.554 ng		99
52) 3-Nitroaniline	14.85	138	142629	26.481 ng	#	79
53) 2,4-Dinitrophenol	15.07	184	263253	104.551 ng		93
54) Dibenzofuran	15.33	168	1453564	50.375 ng	#	89
55) 4-Nitrophenol	15.15	139	394147	99.155 ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	354498	49.899 ng		94
57) Fluorene	15.97	166	1170700	49.200 ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	291000	54.986 ng	#	100
59) Diethylphthalate	15.73	149	1262628	46.685 ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	591535	48.312 ng	#	89
61) 4-Nitroaniline	16.01	138	229037	40.991 ng	#	41
62) Azobenzene	16.24	77	1323245	52.195 ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	174970	50.587 ng		88
65) n-Nitrosodiphenylamine	16.17	169	989010	50.731 ng		98
66) 4-Bromophenyl-phenylether	16.84	248	350308	55.145 ng	#	82
67) Hexachlorobenzene	16.96	284	378884	53.375 ng	#	78
68) Atrazine	17.10	200	342036	53.339 ng		97
69) Pentachlorophenol	17.31	266	402396	91.612 ng		99
70) Phenanthrene	17.70	178	1648767	50.653 ng		99
71) Anthracene	17.79	178	1695776	53.050 ng		98
72) Carbazole	18.06	167	1421668	47.727 ng		98
73) Di-n-butylphthalate	18.57	149	1904436	47.434 ng	#	98
74) Fluoranthene	19.68	202	1671853	44.678 ng		99
76) Benzidine	19.85	184	599164	48.159 ng		98
77) Pyrene	20.04	202	1652587	62.476 ng		99
79) Butylbenzylphthalate	20.89	149	701887	54.893 ng		88
80) Benzo(a)anthracene	21.75	228	1390952	51.664 ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	273756	28.300 ng		100
82) Chrysene	21.80	228	1292065	51.517 ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	938428	49.672 ng		97
84) Di-n-octyl phthalate	22.55	149	1426086	46.293 ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1233764	52.947 ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1197670	52.325 ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1106198	49.751 ng		99
89) Benzo(a)pyrene	24.06	252	1078056	53.506 ng		100
90) Dibenzo(a,h)anthracene	26.65	278	1056112	58.258 ng		97
91) Benzo(g,h,i)perylene	27.41	276	983684	61.758 ng	#	94

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7/6/2018 5:21:56 PM

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

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