Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015934.D
Acq On : 13 Jul 2018 02:51
Operator : SJ/JU
Sample : PB111003BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB111003BS

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:17 PM

Quant Time: Jul 13 07:36:29 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	8.29	152	86417	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	340510	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	174343	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	349699	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	323858	20.00	ng		-0.02
86) Perylene-d12	24.13	264	317493	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	538886	106.94	ng		-0.02
7) Phenol-d6	7.44	99	685185	99.32	ng		-0.02
23) Nitrobenzene-d5	9.47	82	743097	106.48	ng		-0.03
41) 2,4,6-Tribromophenol	16.39	330	221761	97.35	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1512978	107.74	ng		-0.03
78) Terphenyl-d14	20.20	244	1889439	108.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	83149	39.899	ng	#	100
3) Pyridine	3.99	79	222171	40.400	ng	#	76
4) n-Nitrosodimethylamine	3.90	42	205350	47.956	ng	#	43
6) Aniline	7.61	93	267312	31.962	ng		93
8) 2-Chlorophenol	7.85	128	301849	49.912	ng		95
9) Benzaldehyde	7.42	77	116863	26.878	ng		92
10) Phenol	7.47	94	345156	49.795	ng		93
11) bis(2-Chloroethyl)ether	7.70	93	253290	44.920	ng		89
12) 1,3-Dichlorobenzene	8.17	146	316547	47.209	ng	#	90
13) 1,4-Dichlorobenzene	8.32	146	318414	45.922	ng		94
14) 1,2-Dichlorobenzene	8.64	146	310824	46.351	ng	#	94
15) Benzyl Alcohol	8.54	79	263579	44.011	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.82	45	394353	64.038	ng		97
17) 2-Methylphenol	8.74	107	235237	48.985	ng	#	87
18) Hexachloroethane	9.37	117	132815	48.442	ng		95
19) n-Nitroso-di-n-propylamine	9.10	70	228089	41.141	ng	#	79
20) 3+4-Methylphenols	9.07	107	312142	46.794	ng		87
22) Acetophenone	9.13	105	426650	48.098	ng	#	86
24) Nitrobenzene	9.52	77	355665	52.354	ng		99
25) Isophorone	10.03	82	577405	54.206	ng	#	94
26) 2-Nitrophenol	10.23	139	154840	52.932	ng	#	61
27) 2,4-Dimethylphenol	10.27	122	257454	57.933	ng	#	85
28) bis(2-Chloroethoxy)methane	10.51	93	339173	48.873	ng		98
29) 2,4-Dichlorophenol	10.76	162	267890	54.429	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	288742	50.509	ng		95
31) Naphthalene	11.16	128	879820	49.837	ng		100
32) Benzoic acid	10.45	122	148590	37.766	ng	#	84
33) 4-Chloroaniline	11.28	127	172233	23.929	ng	#	86
34) Hexachlorobutadiene	11.42	225	187802	49.225	ng		97
35) Caprolactam	12.09	113	71524m	43.818	ng		
36) 4-Chloro-3-methylphenol	12.39	107	284086	50.304	ng		87
37) 2-Methylnaphthalene	12.75	142	639503	50.922	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	310560	55.501	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	314410	115.561	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	199192	56.315	ng		98
43) 2,4,5-Trichlorophenol	13.43	196	207474	54.300	ng	#	83
45) 1,1'-Biphenyl	13.74	154	794699	52.721	ng		98
46) 2-Chloronaphthalene	13.80	162	616830	54.731	ng	#	91
47) 2-Nitroaniline	14.01	65	202358	51.488	ng	#	80
48) Acenaphthylene	14.64	152	979084	53.403	ng		100
49) Dimethylphthalate	14.36	163	763545	49.659	ng		99
50) 2,6-Dinitrotoluene	14.50	165	160585	53.565	ng	#	70
51) Acenaphthene	14.97	154	563547	49.397	ng		96
52) 3-Nitroaniline	14.83	138	109440	33.352	ng	#	74
53) 2,4-Dinitrophenol	15.04	184	119916	79.937	ng	#	84
54) Dibenzofuran	15.30	168	900216	51.209	ng	#	88
55) 4-Nitrophenol	15.13	139	233379	96.368	ng	#	72
56) 2,4-Dinitrotoluene	15.28	165	218916	50.579	ng		98
57) Fluorene	15.95	166	718353	49.553	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	174634	54.163	ng	#	100
59) Diethylphthalate	15.70	149	795093	48.254	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	357687	47.951	ng	#	89
61) 4-Nitroaniline	15.99	138	139411	40.954	ng	#	30
62) Azobenzene	16.22	77	843162	54.590	ng		80
64) 4,6-Dinitro-2-methylphenol	16.04	198	93686	44.069	ng		87
65) n-Nitrosodiphenylamine	16.14	169	609159	50.837	ng		99
66) 4-Bromophenyl-phenylether	16.82	248	209763	53.724	ng	#	77
67) Hexachlorobenzene	16.94	284	228661	52.409	ng	#	74
68) Atrazine	17.08	200	209087	53.049	ng		98
69) Pentachlorophenol	17.29	266	236211	87.494	ng		99
70) Phenanthrene	17.67	178	1036484	51.807	ng		99
71) Anthracene	17.77	178	1047992	53.340	ng		99
72) Carbazole	18.04	167	919544	50.225	ng		98
73) Di-n-butylphthalate	18.56	149	1254289	50.828	ng	#	97
74) Fluoranthene	19.66	202	1106959	48.129	ng		99
76) Benzidine	19.83	184	425249	44.816	ng		99
77) Pyrene	20.02	202	1111657	55.104	ng		99
79) Butylbenzylphthalate	20.86	149	542582	55.640	ng	#	81
80) Benzo(a)anthracene	21.73	228	1081554	52.673	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	305940	41.469	ng		99
82) Chrysene	21.78	228	995818	52.061	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	776355	53.881	ng		95
84) Di-n-octyl phthalate	22.53	149	1272457	54.160	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.60	276	1238998	69.719	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	1072509	50.597	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	995475	48.345	ng		98
89) Benzo(a)pyrene	24.03	252	998548	53.515	ng		100
90) Dibenzo(a,h)anthracene	26.60	278	1066847	63.547	ng		97
91) Benzo(g,h,i)perylene	27.36	276	992167	67.261	ng	#	94

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

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