Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
Data File : BM016194.D
Acq On : 06 Aug 2018 16:53
Operator : SJ/JU
Sample : PB111777BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB111777BS

Manual Integrations APPROVED
Sohil
8/7/2018 6:56:17 PM

Quant Time: Aug 07 02:07:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	26974	20.00	ng		-0.06
21) Naphthalene-d8	10.99	136	108520	20.00	ng		-0.06
38) Acenaphthene-d10	14.80	164	58899	20.00	ng		-0.05
63) Phenanthrene-d10	17.54	188	123992	20.00	ng		-0.05
75) Chrysene-d12	21.66	240	132974	20.00	ng		-0.04
86) Perylene-d12	24.02	264	129759	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	233070	143.53	ng		-0.05
7) Phenol-d6	7.33	99	286094	134.91	ng		-0.05
23) Nitrobenzene-d5	9.36	82	212773	91.19	ng		-0.06
41) 2,4,6-Tribromophenol	16.29	330	95826	128.28	ng		-0.05
44) 2-Fluorobiphenyl	13.42	172	424038	87.60	ng		-0.06
78) Terphenyl-d14	20.12	244	659978	103.89	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	35174	46.232	ng	#	100
3) Pyridine	3.91	79	79023	43.115	ng	#	69
4) n-Nitrosodimethylamine	3.83	42	77449	54.177	ng	#	34
6) Aniline	7.50	93	85498	35.016	ng	#	89
8) 2-Chlorophenol	7.73	128	88816	46.020	ng		95
9) Benzaldehyde	7.32	77	44886	30.126	ng		87
10) Phenol	7.36	94	99497	46.921	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	70860	42.300	ng		86
12) 1,3-Dichlorobenzene	8.05	146	96162	42.568	ng	#	88
13) 1,4-Dichlorobenzene	8.20	146	98221	42.871	ng	#	93
14) 1,2-Dichlorobenzene	8.52	146	95612	42.650	ng	#	95
15) Benzyl Alcohol	8.43	79	72894	43.169	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.69	45	103884	40.519	ng		96
17) 2-Methylphenol	8.62	107	69375	47.866	ng	#	79
18) Hexachloroethane	9.25	117	45629	46.073	ng		94
19) n-Nitroso-di-n-propylamine	8.99	70	65623	42.337	ng	#	75
20) 3+4-Methylphenols	8.96	107	89475	42.908	ng		84
22) Acetophenone	9.02	105	129696	47.464	ng	#	82
24) Nitrobenzene	9.40	77	108905	46.371	ng		95
25) Isophorone	9.92	82	167845	52.592	ng	#	92
26) 2-Nitrophenol	10.11	139	44523	45.414	ng	#	43
27) 2,4-Dimethylphenol	10.16	122	73710	53.966	ng	#	74
28) bis(2-Chloroethoxy)methane	10.40	93	96748	46.641	ng		98
29) 2,4-Dichlorophenol	10.65	162	77990	48.051	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	85479	43.345	ng		95
31) Naphthalene	11.04	128	261358	47.586	ng		98
32) Benzoic acid	10.33	122	52232	50.165	ng		90
33) 4-Chloroaniline	11.16	127	67841	30.269	ng	#	85
34) Hexachlorobutadiene	11.30	225	60677	44.358	ng		97
35) Caprolactam	11.97	113	20392m	45.362	ng		
36) 4-Chloro-3-methylphenol	12.27	107	85127	47.686	ng		84
37) 2-Methylnaphthalene	12.64	142	188763	51.306	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	91770	45.766	ng	#	100
40) Hexachlorocyclopentadiene	12.96	237	95284	95.195	ng		98

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42) 2,4,6-Trichlorophenol	13.25	196	57757	46.037	ng		98
43) 2,4,5-Trichlorophenol	13.33	196	61517	47.538	ng	#	80
45) 1,1'-Biphenyl	13.64	154	232699	43.778	ng		97
46) 2-Chloronaphthalene	13.69	162	179575	43.436	ng	#	87
47) 2-Nitroaniline	13.91	65	63071	46.144	ng	#	81
48) Acenaphthylene	14.53	152	295676	48.854	ng		99
49) Dimethylphthalate	14.26	163	236596	45.900	ng		100
50) 2,6-Dinitrotoluene	14.40	165	47192	45.503	ng	#	51
51) Acenaphthene	14.87	154	168993	45.401	ng		97
52) 3-Nitroaniline	14.73	138	35831	31.986	ng	#	71
53) 2,4-Dinitrophenol	14.95	184	44937	99.307	ng	#	63
54) Dibenzofuran	15.20	168	275446	44.906	ng	#	78
55) 4-Nitrophenol	15.04	139	72209	89.920	ng	#	91
56) 2,4-Dinitrotoluene	15.19	165	69425	46.816	ng	#	78
57) Fluorene	15.84	166	219045	48.056	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	52613	47.301	ng	#	100
59) Diethylphthalate	15.60	149	257774	46.397	ng	#	93
60) 4-Chlorophenyl-phenylether	15.83	204	108659	42.822	ng	#	80
61) 4-Nitroaniline	15.89	138	43069	40.072	ng	#	1
62) Azobenzene	16.13	77	291015	49.736	ng	#	74
64) 4,6-Dinitro-2-methylphenol	15.95	198	32563	43.268	ng	#	79
65) n-Nitrosodiphenylamine	16.05	169	185299	45.385	ng		98
66) 4-Bromophenyl-phenylether	16.72	248	62192	44.296	ng	#	69
67) Hexachlorobenzene	16.84	284	65778	42.543	ng	#	65
68) Atrazine	16.99	200	68879	47.070	ng		95
69) Pentachlorophenol	17.19	266	70681	73.824	ng		96
70) Phenanthrene	17.58	178	326518	47.036	ng		97
71) Anthracene	17.67	178	331424	49.124	ng		98
72) Carbazole	17.94	167	302933	43.342	ng	#	95
73) Di-n-butylphthalate	18.47	149	426336	48.951	ng	#	96
74) Fluoranthene	19.57	202	372647	48.124	ng		99
76) Benzidine	19.75	184	228887	61.597	ng		98
77) Pyrene	19.93	202	380085	47.697	ng		98
79) Butylbenzylphthalate	20.79	149	205002	50.641	ng	#	76
80) Benzo(a)anthracene	21.65	228	392456	47.919	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	96742	29.326	ng		97
82) Chrysene	21.70	228	368055	46.848	ng		100
83) Bis(2-ethylhexyl)phthalate	21.54	149	292552	49.865	ng		93
84) Di-n-octyl phthalate	22.44	149	498258	50.532	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.41	276	426762	45.776	ng	#	95
87) Benzo(b)fluoranthene	23.30	252	383905	50.250	ng	#	96
88) Benzo(k)fluoranthene	23.35	252	366541m	47.340	ng		
89) Benzo(a)pyrene	23.92	252	366687	49.926	ng		99
90) Dibenzo(a,h)anthracene	26.41	278	365710	48.060	ng		96
91) Benzo(g,h,i)perylene	27.16	276	344488	47.865	ng	#	94

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

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