Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016387.D
Acq On : 15 Aug 2018 19:13
Operator : SJ/JU
Sample : PB112066BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112066BS

Quant Time: Aug 16 01:29:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22061	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	85505	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	49296	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	109654	20.00	ng		0.00
75) Chrysene-d12	21.62	240	132677	20.00	ng		0.00
86) Perylene-d12	23.94	264	127325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	203444	153.19	ng		0.00
7) Phenol-d6	7.29	99	243179	140.21	ng		0.00
23) Nitrobenzene-d5	9.30	82	192363	104.64	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	101644	162.57	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	418385	103.27	ng		0.00
78) Terphenyl-d14	20.07	244	782364	123.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	23296	37.438	ng	#	100
3) Pyridine	3.88	79	52668	35.135	ng	#	72
4) n-Nitrosodimethylamine	3.79	42	65745	56.232	ng	#	25
6) Aniline	7.44	93	79265	39.692	ng	#	88
8) 2-Chlorophenol	7.68	128	66379	42.054	ng		95
9) Benzaldehyde	7.26	77	44563	36.570	ng		88
10) Phenol	7.31	94	71881	41.447	ng		86
11) bis(2-Chloroethyl)ether	7.54	93	51493	37.584	ng		91
12) 1,3-Dichlorobenzene	7.99	146	70217	38.005	ng	#	80
13) 1,4-Dichlorobenzene	8.15	146	72920	38.916	ng	#	91
14) 1,2-Dichlorobenzene	8.46	146	70738	38.581	ng	#	92
15) Benzyl Alcohol	8.37	79	59614	43.167	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.64	45	66400	31.666	ng		92
17) 2-Methylphenol	8.57	107	51063	43.077	ng	#	78
18) Hexachloroethane	9.18	117	36726	45.342	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	48384	38.167	ng	#	65
20) 3+4-Methylphenols	8.90	107	66788	39.161	ng	#	83
22) Acetophenone	8.96	105	100235	46.556	ng	#	80
24) Nitrobenzene	9.35	77	84485	45.656	ng		97
25) Isophorone	9.86	82	127894	50.860	ng	#	94
26) 2-Nitrophenol	10.05	139	35232	45.610	ng	#	41
27) 2,4-Dimethylphenol	10.10	122	58140	54.024	ng	#	77
28) bis(2-Chloroethoxy)methane	10.33	93	70107	42.895	ng		98
29) 2,4-Dichlorophenol	10.59	162	62387	48.784	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	70243	45.207	ng	#	93
31) Naphthalene	10.97	128	194797	45.014	ng		99
32) Benzoic acid	10.29	122	38674	47.141	ng	#	76
33) 4-Chloroaniline	11.10	127	73532	41.639	ng	#	83
34) Hexachlorobutadiene	11.23	225	56734	52.639	ng		97
35) Caprolactam	11.92	113	16160	45.624	ng		89
36) 4-Chloro-3-methylphenol	12.23	107	68368	48.606	ng		85
37) 2-Methylnaphthalene	12.57	142	144552	49.865	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	82124	48.934	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	67122	81.338	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	50841	48.419 ng		96
43) 2,4,5-Trichlorophenol	13.27	196	51992	48.004 ng	#	82
45) 1,1'-Biphenyl	13.58	154	190885	42.907 ng		99
46) 2-Chloronaphthalene	13.63	162	146331	42.290 ng	#	86
47) 2-Nitroaniline	13.86	65	51837	45.313 ng	#	76
48) Acenaphthylene	14.47	152	241332	47.642 ng		98
49) Dimethylphthalate	14.21	163	198111	45.921 ng		99
50) 2,6-Dinitrotoluene	14.35	165	39399	45.389 ng	#	41
51) Acenaphthene	14.82	154	137325	44.080 ng		93
52) 3-Nitroaniline	14.69	138	36144	38.551 ng	#	74
53) 2,4-Dinitrophenol	14.91	184	39319	103.540 ng	#	53
54) Dibenzofuran	15.15	168	234392	45.656 ng	#	77
55) 4-Nitrophenol	15.00	139	54337	80.845 ng	#	85
56) 2,4-Dinitrotoluene	15.15	165	62711	50.526 ng	#	63
57) Fluorene	15.79	166	186604	48.914 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	49580	53.257 ng	#	100
59) Diethylphthalate	15.56	149	222689	47.890 ng		95
60) 4-Chlorophenyl-phenylether	15.78	204	100582	47.361 ng	#	83
61) 4-Nitroaniline	15.85	138	38773	43.103 ng	#	1
62) Azobenzene	16.07	77	255218	52.115 ng	#	71
64) 4,6-Dinitro-2-methylphenol	15.91	198	30633	46.025 ng	#	81
65) n-Nitrosodiphenylamine	16.00	169	160117	44.345 ng		97
66) 4-Bromophenyl-phenylether	16.67	248	58491	47.107 ng	#	68
67) Hexachlorobenzene	16.79	284	59578	43.571 ng	#	61
68) Atrazine	16.95	200	67992	52.540 ng		94
69) Pentachlorophenol	17.14	266	63580	75.091 ng		97
70) Phenanthrene	17.53	178	284466	46.337 ng		97
71) Anthracene	17.62	178	296792	49.743 ng		99
72) Carbazole	17.90	167	260670	42.172 ng	#	96
73) Di-n-butylphthalate	18.42	149	380198	49.362 ng	#	95
74) Fluoranthene	19.52	202	354364	51.747 ng		97
76) Benzidine	19.71	184	216310	58.343 ng		98
77) Pyrene	19.88	202	363346	45.699 ng		99
79) Butylbenzylphthalate	20.74	149	190619	47.193 ng	#	73
80) Benzo(a)anthracene	21.60	228	404683	49.523 ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	136852	41.578 ng		98
82) Chrysene	21.66	228	370812	47.305 ng		100
83) Bis(2-ethylhexyl)phthalate	21.49	149	279800	47.799 ng		92
84) Di-n-octyl phthalate	22.39	149	485450	49.343 ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.33	276	451119	48.497 ng		98
87) Benzo(b)fluoranthene	23.24	252	378042	50.428 ng	#	93
88) Benzo(k)fluoranthene	23.29	252	377142	49.641 ng	#	96
89) Benzo(a)pyrene	23.85	252	368730	51.164 ng	#	98
90) Dibenzo(a,h)anthracene	26.32	278	384601	51.509 ng	#	94
91) Benzo(g,h,i)perylene	27.06	276	346267	49.032 ng	#	89

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

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