Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016391.D
Acq On : 15 Aug 2018 21:39
Operator : SJ/JU
Sample : PB112011BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112011BSD

Quant Time: Aug 16 01:31:14 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	23836	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	91265	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	47542	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	94457	20.00	ng		0.00
75) Chrysene-d12	21.62	240	114104	20.00	ng		0.00
86) Perylene-d12	23.94	264	116611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	130231	90.76	ng		0.00
7) Phenol-d6	7.28	99	147552	78.74	ng		0.00
23) Nitrobenzene-d5	9.30	82	163260	83.20	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	49452	82.01	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	340456	87.13	ng		-0.01
78) Terphenyl-d14	20.06	244	457589	83.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	28300	42.094	ng	#	100
3) Pyridine	3.87	79	59214	36.561	ng	#	67
4) n-Nitrosodimethylamine	3.79	42	71844	56.872	ng	#	27
6) Aniline	7.44	93	60964	28.255	ng	#	85
8) 2-Chlorophenol	7.67	128	67742	39.722	ng		97
9) Benzaldehyde	7.26	77	32344	24.566	ng	#	81
10) Phenol	7.31	94	68851	36.744	ng		86
11) bis(2-Chloroethyl)ether	7.53	93	53286	35.997	ng		85
12) 1,3-Dichlorobenzene	7.99	146	79261	39.705	ng	#	87
13) 1,4-Dichlorobenzene	8.15	146	79737	39.385	ng	#	92
14) 1,2-Dichlorobenzene	8.46	146	76893	38.815	ng	#	92
15) Benzyl Alcohol	8.37	79	58105	38.941	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.63	45	67560	29.820	ng		92
17) 2-Methylphenol	8.57	107	49451	38.611	ng	#	79
18) Hexachloroethane	9.17	117	39445	45.072	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	48240	35.220	ng	#	70
20) 3+4-Methylphenols	8.90	107	65742	35.677	ng		81
22) Acetophenone	8.96	105	100256	43.626	ng	#	77
24) Nitrobenzene	9.34	77	83698	42.376	ng	#	94
25) Isophorone	9.86	82	123841	46.140	ng	#	93
26) 2-Nitrophenol	10.05	139	33193	40.258	ng	#	34
27) 2,4-Dimethylphenol	10.10	122	54111	47.107	ng	#	75
28) bis(2-Chloroethoxy)methane	10.33	93	68175	39.080	ng	#	98
29) 2,4-Dichlorophenol	10.59	162	58309	42.718	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	71887	43.345	ng	#	97
31) Naphthalene	10.97	128	198845	43.049	ng		99
32) Benzoic acid	10.29	122	32931	37.607	ng	#	70
33) 4-Chloroaniline	11.10	127	47839	25.380	ng	#	83
34) Hexachlorobutadiene	11.23	225	58784	51.099	ng		98
35) Caprolactam	11.92	113	12863	34.024	ng		94
36) 4-Chloro-3-methylphenol	12.22	107	60964	40.607	ng	#	82
37) 2-Methylnaphthalene	12.57	142	141815	45.833	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	81320	50.242	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	66268	83.084	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	44619	44.061	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	47907	45.864	ng	#	80
45) 1,1'-Biphenyl	13.58	154	177224	41.306	ng		98
46) 2-Chloronaphthalene	13.63	162	138632	41.543	ng	#	86
47) 2-Nitroaniline	13.86	65	43940	39.827	ng	#	77
48) Acenaphthylene	14.47	152	214698	43.948	ng		99
49) Dimethylphthalate	14.20	163	174166	41.860	ng		100
50) 2,6-Dinitrotoluene	14.34	165	33905	40.501	ng	#	42
51) Acenaphthene	14.81	154	122402	40.739	ng		95
52) 3-Nitroaniline	14.69	138	24025	26.570	ng	#	74
53) 2,4-Dinitrophenol	14.91	184	32055	88.472	ng	#	55
54) Dibenzofuran	15.14	168	202822	40.965	ng	#	74
55) 4-Nitrophenol	15.00	139	42043	64.862	ng	#	86
56) 2,4-Dinitrotoluene	15.14	165	49083	41.005	ng	#	61
57) Fluorene	15.79	166	158325	43.032	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	41475	46.195	ng	#	100
59) Diethylphthalate	15.55	149	184474	41.135	ng	#	93
60) 4-Chlorophenyl-phenylether	15.77	204	86625	42.294	ng	#	83
61) 4-Nitroaniline	15.84	138	29277	33.747	ng	#	1
62) Azobenzene	16.07	77	215814	45.695	ng	#	70
64) 4,6-Dinitro-2-methylphenol	15.91	198	24330	42.437	ng	#	83
65) n-Nitrosodiphenylamine	16.00	169	132833	42.707	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	49755	46.518	ng	#	72
67) Hexachlorobenzene	16.79	284	48237	40.953	ng	#	49
68) Atrazine	16.94	200	51133	45.869	ng		99
69) Pentachlorophenol	17.14	266	48413	66.377	ng		96
70) Phenanthrene	17.53	178	230465	43.580	ng		98
71) Anthracene	17.62	178	236264	45.969	ng		99
72) Carbazole	17.89	167	200408	37.639	ng	#	95
73) Di-n-butylphthalate	18.42	149	287412	43.319	ng	#	95
74) Fluoranthene	19.52	202	270027	45.776	ng		97
76) Benzidine	19.71	184	139890	43.872	ng		99
77) Pyrene	19.88	202	272996	39.924	ng		98
79) Butylbenzylphthalate	20.74	149	143825	41.404	ng	#	71
80) Benzo(a)anthracene	21.60	228	315054	44.830	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	85421	30.177	ng		98
82) Chrysene	21.66	228	293168	43.487	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	213987	42.506	ng	#	91
84) Di-n-octyl phthalate	22.39	149	379276	44.826	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.32	276	386549	48.320	ng		99
87) Benzo(b)fluoranthene	23.24	252	314971	45.875	ng	#	93
88) Benzo(k)fluoranthene	23.29	252	312012	44.841	ng	#	97
89) Benzo(a)pyrene	23.84	252	309026	46.820	ng	#	97
90) Dibenzo(a,h)anthracene	26.32	278	325296	47.569	ng	#	94
91) Benzo(g,h,i)perylene	27.05	276	302813	46.819	ng	#	89

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

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