Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016299.D
Acq On : 10 Aug 2018 16:58
Operator : SJ/JU
Sample : PB111942BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB111942BS

Quant Time: Aug 11 04:17:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	30823	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	119630	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	57221	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	112201	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	125996	20.00	ng		-0.01
86) Perylene-d12	23.96	264	139477	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	308751	166.39	ng		0.00
7) Phenol-d6	7.30	99	364353	150.36	ng		0.00
23) Nitrobenzene-d5	9.32	82	207042	80.50	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	103779	143.00	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	392891	83.54	ng		-0.01
78) Terphenyl-d14	20.08	244	490628	81.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	38577	44.373	ng	#	100
3) Pyridine	3.88	79	84024	40.119	ng	#	69
4) n-Nitrosodimethylamine	3.80	42	85287	52.210	ng	#	34
6) Aniline	7.46	93	78450	28.117	ng	#	87
8) 2-Chlorophenol	7.69	128	91116	41.317	ng		99
9) Benzaldehyde	7.27	77	43061	25.292	ng		82
10) Phenol	7.33	94	97855	40.385	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	75047	39.205	ng		86
12) 1,3-Dichlorobenzene	8.01	146	101289	39.238	ng	#	86
13) 1,4-Dichlorobenzene	8.16	146	103031	39.355	ng	#	95
14) 1,2-Dichlorobenzene	8.48	146	98509	38.455	ng		94
15) Benzyl Alcohol	8.39	79	77315	40.070	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.65	45	103577	35.355	ng		96
17) 2-Methylphenol	8.59	107	67419	40.708	ng	#	82
18) Hexachloroethane	9.20	117	47238	41.742	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	65638	37.059	ng	#	70
20) 3+4-Methylphenols	8.92	107	86359	36.242	ng		87
22) Acetophenone	8.97	105	130036	43.168	ng	#	81
24) Nitrobenzene	9.36	77	106801	41.252	ng		98
25) Isophorone	9.88	82	168126	47.788	ng	#	93
26) 2-Nitrophenol	10.07	139	44021	40.732	ng	#	50
27) 2,4-Dimethylphenol	10.12	122	72744	48.312	ng	#	74
28) bis(2-Chloroethoxy)methane	10.35	93	93892	41.061	ng		99
29) 2,4-Dichlorophenol	10.60	162	74862	41.841	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	85489	39.325	ng	#	93
31) Naphthalene	10.99	128	252375	41.683	ng		98
32) Benzoic acid	10.30	122	41723	36.350	ng		85
33) 4-Chloroaniline	11.12	127	61636	24.947	ng	#	86
34) Hexachlorobutadiene	11.25	225	62942	41.740	ng		94
35) Caprolactam	11.93	113	18926	38.191	ng	#	90
36) 4-Chloro-3-methylphenol	12.25	107	79731	40.515	ng		85
37) 2-Methylnaphthalene	12.59	142	174782	43.094	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	86168	44.232	ng	#	100
40) Hexachlorocyclopentadiene	12.92	237	35375	41.119	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	52417	43.006	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	56170	44.678	ng	#	81
45) 1,1'-Biphenyl	13.60	154	212401	41.131	ng		99
46) 2-Chloronaphthalene	13.65	162	163965	40.823	ng	#	87
47) 2-Nitroaniline	13.87	65	54846	41.303	ng	#	76
48) Acenaphthylene	14.49	152	259795	44.184	ng		97
49) Dimethylphthalate	14.22	163	210137	41.963	ng		100
50) 2,6-Dinitrotoluene	14.36	165	40858	40.551	ng	#	52
51) Acenaphthene	14.83	154	147253	40.720	ng		94
52) 3-Nitroaniline	14.70	138	32292	29.672	ng	#	81
53) 2,4-Dinitrophenol	14.93	184	21899	52.864	ng	#	69
54) Dibenzofuran	15.16	168	237780	39.902	ng	#	78
55) 4-Nitrophenol	15.02	139	52282	67.014	ng	#	89
56) 2,4-Dinitrotoluene	15.16	165	58506	40.609	ng	#	67
57) Fluorene	15.81	166	183439	41.425	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	44757	41.418	ng	#	100
59) Diethylphthalate	15.57	149	226321	41.930	ng		94
60) 4-Chlorophenyl-phenylether	15.79	204	96976	39.339	ng	#	82
61) 4-Nitroaniline	15.86	138	36054	34.529	ng	#	1
62) Azobenzene	16.09	77	243003	42.748	ng	#	73
64) 4,6-Dinitro-2-methylphenol	15.92	198	19656	28.862	ng	#	79
65) n-Nitrosodiphenylamine	16.02	169	156884	42.463	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	54672	43.032	ng	#	75
67) Hexachlorobenzene	16.80	284	53899	38.523	ng	#	56
68) Atrazine	16.96	200	58147	43.912	ng		98
69) Pentachlorophenol	17.16	266	52215	60.268	ng		95
70) Phenanthrene	17.54	178	267134	42.526	ng		99
71) Anthracene	17.63	178	277054	45.380	ng		98
72) Carbazole	17.91	167	242863	38.399	ng	#	94
73) Di-n-butylphthalate	18.43	149	349016	44.285	ng	#	95
74) Fluoranthene	19.53	202	304156	43.407	ng		98
76) Benzidine	19.72	184	205753	58.438	ng		98
77) Pyrene	19.89	202	310160	41.078	ng		98
79) Butylbenzylphthalate	20.76	149	168608	43.957	ng	#	81
80) Benzo(a)anthracene	21.62	228	348605	44.922	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	104818	33.534	ng		98
82) Chrysene	21.67	228	322049	43.263	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	250373	45.040	ng		93
84) Di-n-octyl phthalate	22.40	149	437176	46.792	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.34	276	447509	50.660	ng	#	96
87) Benzo(b)fluoranthene	23.26	252	363598	44.276	ng	#	95
88) Benzo(k)fluoranthene	23.30	252	354582	42.605	ng	#	96
89) Benzo(a)pyrene	23.86	252	359514	45.539	ng		98
90) Dibenzo(a,h)anthracene	26.34	278	378019	46.216	ng	#	95
91) Benzo(g,h,i)perylene	27.09	276	359548	46.477	ng	#	91

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

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