Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016303.D
Acq On : 10 Aug 2018 19:25
Operator : SJ/JU
Sample : J4271-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HR-05-080818-AMS

Quant Time: Aug 11 04:18:39 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	8.13	152	31202	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	111296	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	54180	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	111804	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	139485	20.00	ng		-0.01
86) Perylene-d12	23.96	264	145111	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	264381	140.75	ng		0.00
7) Phenol-d6	7.30	99	280330	114.28	ng		0.00
23) Nitrobenzene-d5	9.32	82	256218	107.08	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	99212	144.38	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	469948	105.54	ng		-0.01
78) Terphenyl-d14	20.08	244	740009	111.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	37401	42.497	ng	#	100
3) Pyridine	3.90	79	61679	29.092	ng	#	69
4) n-Nitrosodimethylamine	3.80	42	85189	51.516	ng	#	30
6) Aniline	7.46	93	25703	9.100	ng		97
8) 2-Chlorophenol	7.69	128	89044	39.887	ng		97
9) Benzaldehyde	7.28	77	67509	39.170	ng		87
10) Phenol	7.33	94	81883	33.382	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	75347	38.883	ng		86
12) 1,3-Dichlorobenzene	8.01	146	105043	40.198	ng	#	87
13) 1,4-Dichlorobenzene	8.16	146	107096	40.410	ng	#	93
14) 1,2-Dichlorobenzene	8.48	146	103272	39.825	ng	#	92
15) Benzyl Alcohol	8.39	79	76010	38.915	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.66	45	105048	35.421	ng		95
17) 2-Methylphenol	8.59	107	63604	37.938	ng	#	81
18) Hexachloroethane	9.20	117	49355	43.083	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	67897	37.869	ng	#	68
20) 3+4-Methylphenols	8.92	107	83170	34.480	ng		84
22) Acetophenone	8.97	105	135226	48.253	ng	#	82
24) Nitrobenzene	9.36	77	113015	46.921	ng		95
25) Isophorone	9.87	82	168296	51.418	ng	#	93
26) 2-Nitrophenol	10.07	139	43447	43.211	ng	#	46
27) 2,4-Dimethylphenol	10.12	122	69337	49.498	ng	#	77
28) bis(2-Chloroethoxy)methane	10.35	93	95876	45.068	ng		98
29) 2,4-Dichlorophenol	10.60	162	73267	44.016	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	89796	44.399	ng	#	93
31) Naphthalene	10.99	128	263284	46.741	ng		99
32) Benzoic acid	10.29	122	34838	32.625	ng	#	79
33) 4-Chloroaniline	11.13	127	11247	4.893	ng	#	87
34) Hexachlorobutadiene	11.25	225	67465	48.090	ng		98
35) Caprolactam	11.94	113	14917	32.356	ng		93
36) 4-Chloro-3-methylphenol	12.25	107	76809	41.953	ng	#	84
37) 2-Methylnaphthalene	12.59	142	182492	48.364	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	93165	50.508	ng	#	100
40) Hexachlorocyclopentadiene	12.92	237	36054	43.674	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	54555	47.273	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	54808	46.042	ng	#	78
45) 1,1'-Biphenyl	13.60	154	221904	45.383	ng		97
46) 2-Chloronaphthalene	13.65	162	169039	44.449	ng	#	88
47) 2-Nitroaniline	13.87	65	56678	45.079	ng	#	72
48) Acenaphthylene	14.49	152	269624	48.429	ng		99
49) Dimethylphthalate	14.22	163	215228	45.392	ng		99
50) 2,6-Dinitrotoluene	14.36	165	42618	44.672	ng	#	48
51) Acenaphthene	14.83	154	153178	44.736	ng		96
52) 3-Nitroaniline	14.70	138	14800	14.363	ng	#	70
53) 2,4-Dinitrophenol	14.93	184	15359	40.744	ng	#	65
54) Dibenzofuran	15.16	168	250964	44.478	ng	#	79
55) 4-Nitrophenol	15.02	139	48684	65.905	ng		96
56) 2,4-Dinitrotoluene	15.16	165	61326	44.956	ng	#	61
57) Fluorene	15.81	166	199001	47.461	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	47405	46.331	ng	#	100
59) Diethylphthalate	15.57	149	234164	45.818	ng		94
60) 4-Chlorophenyl-phenylether	15.79	204	100684	43.135	ng	#	81
61) 4-Nitroaniline	15.86	138	34625	35.022	ng	#	1
62) Azobenzene	16.09	77	261612	48.605	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.92	198	16104	23.731	ng		86
65) n-Nitrosodiphenylamine	16.02	169	165691	45.006	ng		95
66) 4-Bromophenyl-phenylether	16.69	248	57298	45.259	ng	#	73
67) Hexachlorobenzene	16.80	284	58031	41.624	ng	#	53
68) Atrazine	16.96	200	61912	46.922	ng		100
69) Pentachlorophenol	17.16	266	56064	64.941	ng		95
70) Phenanthrene	17.54	178	294165	46.995	ng		98
71) Anthracene	17.63	178	300501	49.396	ng		97
72) Carbazole	17.91	167	273053	43.325	ng	#	95
73) Di-n-butylphthalate	18.43	149	380798	48.489	ng	#	96
74) Fluoranthene	19.53	202	351065	50.279	ng		98
76) Benzidine	19.72	184	75896	19.471	ng		96
77) Pyrene	19.89	202	362603	43.379	ng		99
79) Butylbenzylphthalate	20.75	149	197985	46.625	ng	#	73
80) Benzo(a)anthracene	21.62	228	415066	48.314	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	57171	16.522	ng		98
82) Chrysene	21.67	228	387142	46.978	ng		100
83) Bis(2-ethylhexyl)phthalate	21.50	149	280962	45.654	ng		91
84) Di-n-octyl phthalate	22.40	149	512113	49.512	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	518789	53.050	ng	#	96
87) Benzo(b)fluoranthene	23.26	252	431171	50.466	ng	#	95
88) Benzo(k)fluoranthene	23.30	252	420858	48.605	ng		97
89) Benzo(a)pyrene	23.86	252	417406	50.820	ng		99
90) Dibenzo(a,h)anthracene	26.35	278	439955	51.700	ng	#	95
91) Benzo(g,h,i)perylene	27.09	276	406838	50.548	ng	#	92

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

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