Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016304.D
Acq On : 10 Aug 2018 20:01
Operator : SJ/JU
Sample : J4271-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 11 04:19:09 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	31923	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	114428	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	56519	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	111507	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	134728	20.00	ng		-0.01
86) Perylene-d12	23.96	264	141045	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	268783	139.86	ng		0.00
7) Phenol-d6	7.30	99	286509	114.16	ng		0.00
23) Nitrobenzene-d5	9.32	82	267937	108.91	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	103291	144.09	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	484731	104.35	ng		0.00
78) Terphenyl-d14	20.08	244	737915	114.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	37588	41.745	ng	#	100
3) Pyridine	3.90	79	65831	30.349	ng	#	73
4) n-Nitrosodimethylamine	3.80	42	89013	52.613	ng	#	31
6) Aniline	7.46	93	33295	11.522	ng	#	88
8) 2-Chlorophenol	7.69	128	98029	42.920	ng		96
9) Benzaldehyde	7.27	77	63317	35.908	ng		91
10) Phenol	7.33	94	88020	35.074	ng		94
11) bis(2-Chloroethyl)ether	7.55	93	83907	42.323	ng		92
12) 1,3-Dichlorobenzene	8.01	146	113509	42.457	ng	#	86
13) 1,4-Dichlorobenzene	8.16	146	115336	42.537	ng	#	94
14) 1,2-Dichlorobenzene	8.48	146	112515	42.409	ng	#	93
15) Benzyl Alcohol	8.39	79	85965	43.017	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.66	45	117587	38.754	ng		93
17) 2-Methylphenol	8.59	107	71097	41.449	ng	#	79
18) Hexachloroethane	9.20	117	54373	46.391	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	75792	41.317	ng	#	70
20) 3+4-Methylphenols	8.92	107	92541	37.498	ng		84
22) Acetophenone	8.97	105	152355	52.877	ng	#	85
24) Nitrobenzene	9.36	77	125332	50.611	ng		93
25) Isophorone	9.87	82	190380	56.573	ng	#	93
26) 2-Nitrophenol	10.07	139	49573	47.954	ng	#	52
27) 2,4-Dimethylphenol	10.12	122	79446	55.162	ng	#	80
28) bis(2-Chloroethoxy)methane	10.35	93	106623	48.748	ng		98
29) 2,4-Dichlorophenol	10.60	162	83282	48.663	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	97770	47.018	ng		97
31) Naphthalene	10.99	128	295752	51.068	ng		99
32) Benzoic acid	10.30	122	39605	36.074	ng	#	83
33) 4-Chloroaniline	11.13	127	15935	6.743	ng	#	81
34) Hexachlorobutadiene	11.25	225	74359	51.553	ng		93
35) Caprolactam	11.94	113	14662	30.932	ng	#	86
36) 4-Chloro-3-methylphenol	12.25	107	86491	45.948	ng	#	84
37) 2-Methylnaphthalene	12.59	142	208595	53.769	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	103175	53.620	ng	#	100
40) Hexachlorocyclopentadiene	12.92	237	43952	49.745	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	61508	51.092	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	61463	49.496	ng	#	80
45) 1,1'-Biphenyl	13.60	154	252486	49.500	ng		99
46) 2-Chloronaphthalene	13.65	162	190690	48.067	ng	#	89
47) 2-Nitroaniline	13.87	65	65074	49.614	ng	#	78
48) Acenaphthylene	14.49	152	305652	52.629	ng		98
49) Dimethylphthalate	14.22	163	245903	49.715	ng		99
50) 2,6-Dinitrotoluene	14.36	165	49024	49.260	ng	#	50
51) Acenaphthene	14.83	154	174090	48.739	ng		96
52) 3-Nitroaniline	14.70	138	19170	17.834	ng	#	69
53) 2,4-Dinitrophenol	14.93	184	20184	49.738	ng	#	57
54) Dibenzofuran	15.16	168	284157	48.276	ng	#	77
55) 4-Nitrophenol	15.02	139	52919	68.673	ng		94
56) 2,4-Dinitrotoluene	15.16	165	68905	48.422	ng	#	66
57) Fluorene	15.81	166	223183	51.026	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	50760	47.557	ng	#	100
59) Diethylphthalate	15.57	149	263293	49.386	ng		94
60) 4-Chlorophenyl-phenylether	15.79	204	115102	47.272	ng	#	80
61) 4-Nitroaniline	15.86	138	40015	38.799	ng	#	1
62) Azobenzene	16.09	77	290934	51.816	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.92	198	19347	28.585	ng	#	81
65) n-Nitrosodiphenylamine	16.02	169	186746	50.860	ng		96
66) 4-Bromophenyl-phenylether	16.69	248	64480	51.067	ng	#	70
67) Hexachlorobenzene	16.80	284	64648	46.494	ng	#	54
68) Atrazine	16.96	200	68616	52.141	ng		93
69) Pentachlorophenol	17.16	266	62433	72.511	ng		96
70) Phenanthrene	17.54	178	318984	51.096	ng		98
71) Anthracene	17.63	178	335549	55.304	ng		98
72) Carbazole	17.91	167	297813	47.380	ng		96
73) Di-n-butylphthalate	18.43	149	418250	53.399	ng	#	96
74) Fluoranthene	19.53	202	379025	54.429	ng		98
76) Benzidine	19.72	184	60368	16.034	ng		96
77) Pyrene	19.90	202	392929	48.667	ng		98
79) Butylbenzylphthalate	20.76	149	208754	50.896	ng	#	82
80) Benzo(a)anthracene	21.61	228	438015	52.786	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	88479	26.472	ng		97
82) Chrysene	21.67	228	408674	51.341	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	296093	49.812	ng		91
84) Di-n-octyl phthalate	22.40	149	534872	53.539	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.35	276	551644	58.401	ng	#	97
87) Benzo(b)fluoranthene	23.26	252	456547	54.976	ng	#	96
88) Benzo(k)fluoranthene	23.30	252	441169	52.420	ng	#	98
89) Benzo(a)pyrene	23.86	252	438116	54.879	ng		98
90) Dibenzo(a,h)anthracene	26.35	278	464506	56.159	ng	#	94
91) Benzo(g,h,i)perylene	27.09	276	428502	54.775	ng	#	91

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

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