Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016227.D
Acq On : 07 Aug 2018 21:29
Operator : SJ/JU
Sample : J4297-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1MSD

Quant Time: Aug 08 01:39:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37280	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	154169	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	91975	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	212507	20.00	ng		0.00
75) Chrysene-d12	21.64	240	279712	20.00	ng		0.00
86) Perylene-d12	23.98	264	273021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	371703	165.62	ng		0.00
7) Phenol-d6	7.31	99	492517	168.04	ng		0.00
23) Nitrobenzene-d5	9.33	82	351772	106.13	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	222318	190.58	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	756561	100.09	ng		0.00
78) Terphenyl-d14	20.09	244	1539156	115.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	37736	35.887	ng	#	100
3) Pyridine	3.89	79	96907	38.256	ng	#	74
4) n-Nitrosodimethylamine	3.80	42	110187	55.770	ng	#	30
6) Aniline	7.47	93	126898	37.604	ng	#	85
8) 2-Chlorophenol	7.70	128	132385	49.633	ng		95
9) Benzaldehyde	7.28	77	62097	30.156	ng		87
10) Phenol	7.33	94	167113	57.022	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	102555	44.296	ng		89
12) 1,3-Dichlorobenzene	8.02	146	129063	41.338	ng	#	88
13) 1,4-Dichlorobenzene	8.17	146	131182	41.429	ng	#	95
14) 1,2-Dichlorobenzene	8.49	146	130238	42.035	ng	#	94
15) Benzyl Alcohol	8.39	79	126479	54.196	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.66	45	146453	41.331	ng		99
17) 2-Methylphenol	8.59	107	107878	53.855	ng	#	81
18) Hexachloroethane	9.21	117	60225	44.000	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	105774	49.376	ng	#	69
20) 3+4-Methylphenols	8.93	107	149909	52.015	ng		87
22) Acetophenone	8.98	105	199009	51.265	ng	#	80
24) Nitrobenzene	9.37	77	163405	48.976	ng	#	96
25) Isophorone	9.89	82	281416	62.069	ng	#	93
26) 2-Nitrophenol	10.07	139	71609	51.414	ng	#	42
27) 2,4-Dimethylphenol	10.13	122	122501	63.131	ng	#	78
28) bis(2-Chloroethoxy)methane	10.36	93	150619	51.112	ng		98
29) 2,4-Dichlorophenol	10.61	162	130398	56.552	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	125080	44.646	ng	#	95
31) Naphthalene	11.00	128	391307	50.150	ng		100
32) Benzoic acid	10.27	122	21974	14.855	ng	#	78
33) 4-Chloroaniline	11.13	127	114258	35.884	ng	#	86
34) Hexachlorobutadiene	11.26	225	89147	45.874	ng		99
35) Caprolactam	11.95	113	39060	61.162	ng	#	85
36) 4-Chloro-3-methylphenol	12.25	107	157854	62.243	ng		84
37) 2-Methylnaphthalene	12.60	142	299371	57.276	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	151027	48.232	ng	#	100
40) Hexachlorocyclopentadiene	12.93	237	141456	90.880	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	107273	54.756 ng		97
43) 2,4,5-Trichlorophenol	13.30	196	113332	56.083 ng	#	81
45) 1,1'-Biphenyl	13.61	154	394570	47.536 ng		99
46) 2-Chloronaphthalene	13.66	162	302155	46.803 ng	#	88
47) 2-Nitroaniline	13.88	65	119674	56.069 ng	#	77
48) Acenaphthylene	14.50	152	515447	54.538 ng		98
49) Dimethylphthalate	14.23	163	547786	68.055 ng		100
50) 2,6-Dinitrotoluene	14.37	165	87287	53.896 ng	#	56
51) Acenaphthene	14.84	154	294180	50.611 ng		95
52) 3-Nitroaniline	14.70	138	69880	39.948 ng	#	73
53) 2,4-Dinitrophenol	14.93	184	46033	67.250 ng	#	65
54) Dibenzofuran	15.17	168	492716	51.440 ng	#	80
55) 4-Nitrophenol	15.02	139	149100	118.899 ng		92
56) 2,4-Dinitrotoluene	15.16	165	135167	58.369 ng	#	79
57) Fluorene	15.82	166	406050	57.047 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	101916	58.675 ng	#	100
59) Diethylphthalate	15.59	149	483427	55.721 ng		95
60) 4-Chlorophenyl-phenylether	15.80	204	202480	51.101 ng	#	83
61) 4-Nitroaniline	15.87	138	89084	53.078 ng	#	1
62) Azobenzene	16.10	77	520554	56.972 ng	#	73
64) 4,6-Dinitro-2-methylphenol	15.93	198	56542	43.836 ng	#	80
65) n-Nitrosodiphenylamine	16.03	169	343532	49.093 ng		95
66) 4-Bromophenyl-phenylether	16.70	248	118234	49.135 ng	#	75
67) Hexachlorobenzene	16.82	284	125099	47.209 ng	#	62
68) Atrazine	16.97	200	132749	52.931 ng		96
69) Pentachlorophenol	17.16	266	154139	93.935 ng		96
70) Phenanthrene	17.55	178	625789	52.599 ng		98
71) Anthracene	17.64	178	644854	55.768 ng		99
72) Carbazole	17.92	167	605516	50.548 ng		97
73) Di-n-butylphthalate	18.44	149	871092	58.357 ng	#	96
74) Fluoranthene	19.54	202	770163	58.032 ng		99
76) Benzidine	19.73	184	423658	54.201 ng		99
77) Pyrene	19.90	202	789834	47.120 ng		99
79) Butylbenzylphthalate	20.77	149	452563	53.147 ng	#	82
80) Benzo(a)anthracene	21.63	228	902326	52.376 ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	236971	34.150 ng		99
82) Chrysene	21.68	228	835468	50.555 ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	678353	54.968 ng		93
84) Di-n-octyl phthalate	22.42	149	1182909	57.032 ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.37	276	983741	50.164 ng	#	96
87) Benzo(b)fluoranthene	23.27	252	913343	56.818 ng	#	95
88) Benzo(k)fluoranthene	23.32	252	855660	52.523 ng	#	97
89) Benzo(a)pyrene	23.88	252	847601	54.849 ng		98
90) Dibenzo(a,h)anthracene	26.37	278	844347	52.736 ng	#	96
91) Benzo(g,h,i)perylene	27.11	276	723042	47.748 ng	#	92

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

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