Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016266.D
Acq On : 09 Aug 2018 02:51
Operator : SJ/JU
Sample : J4247-02MS 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2MS

Manual Integrations APPROVED
Sohil
8/9/2018 2:24:12 PM

Quant Time: Aug 09 05:47:50 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 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	33099	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	137371	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	74182	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	153469	20.00	ng		0.00
75) Chrysene-d12	21.63	240	158342	20.00	ng		0.00
86) Perylene-d12	23.97	264	168720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	18948	9.51	ng		0.00
7) Phenol-d6	7.30	99	25361	9.75	ng		0.00
23) Nitrobenzene-d5	9.32	82	20413	6.91	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	8009	8.51	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	39641	6.50	ng		0.00
78) Terphenyl-d14	20.08	244	54532	7.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	2222	2.380	ng	#	100
4) n-Nitrosodimethylamine	3.85	42	4618	2.633	ng	#	27
8) 2-Chlorophenol	7.70	128	7726	3.262	ng		96
9) Benzaldehyde	7.29	77	6489	3.549	ng		88
10) Phenol	7.33	94	8066	3.100	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	5781	2.812	ng		89
12) 1,3-Dichlorobenzene	8.02	146	8888	3.206	ng	#	84
13) 1,4-Dichlorobenzene	8.17	146	8561	3.045	ng	#	85
14) 1,2-Dichlorobenzene	8.49	146	8632	3.138	ng	#	89
15) Benzyl Alcohol	8.41	79	6038	2.914	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	9814	3.120	ng		58
17) 2-Methylphenol	8.60	107	5918	3.328	ng	#	69
18) Hexachloroethane	9.20	117	3704	3.048	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	7337	3.858	ng	#	55
20) 3+4-Methylphenols	8.93	107	7096	2.773	ng	#	61
22) Acetophenone	8.98	105	10754	3.109	ng	#	76
24) Nitrobenzene	9.37	77	7909	2.660	ng	#	86
25) Isophorone	9.87	82	13007	3.220	ng	#	77
26) 2-Nitrophenol	10.08	139	4306	3.470	ng	#	1
27) 2,4-Dimethylphenol	10.13	122	7305	4.225	ng	#	83
28) bis(2-Chloroethoxy)methane	10.36	93	10153	3.867	ng	#	14
29) 2,4-Dichlorophenol	10.63	162	5729	2.788	ng	#	79
30) 1,2,4-Trichlorobenzene	10.82	180	7814	3.130	ng	#	84
31) Naphthalene	11.00	128	26003	3.740	ng		96
33) 4-Chloroaniline	11.15	127	6327	2.230	ng	#	47
34) Hexachlorobutadiene	11.26	225	5406	3.122	ng		90
35) Caprolactam	11.92	113	17829	31.331	ng	#	1
36) 4-Chloro-3-methylphenol	12.26	107	6289	2.783	ng	#	75
37) 2-Methylnaphthalene	12.60	142	16850	3.618	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	8488	3.361	ng	#	100
42) 2,4,6-Trichlorophenol	13.22	196	4687	2.966	ng		91
43) 2,4,5-Trichlorophenol	13.31	196	3682	2.259	ng	#	1
45) 1,1'-Biphenyl	13.60	154	23488	3.508	ng		95
46) 2-Chloronaphthalene	13.66	162	17358	3.334	ng	#	70

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.88	65	5200	3.021	ng	#	45
48) Acenaphthylene	14.50	152	30176	3.959	ng	#	79
49) Dimethylphthalate	14.22	163	28492	4.389	ng	#	97
50) 2,6-Dinitrotoluene	14.36	165	5032	3.852	ng	#	77
51) Acenaphthene	14.83	154	16350	3.488	ng		91
52) 3-Nitroaniline	14.72	138	5010	3.551	ng	#	82
54) Dibenzofuran	15.17	168	25190	3.261	ng	#	67
56) 2,4-Dinitrotoluene	15.16	165	9277	4.967	ng	#	80
57) Fluorene	15.82	166	20898	3.640	ng		85
58) 2,3,4,6-Tetrachlorophenol	15.40	232	5282	3.770	ng	#	100
59) Diethylphthalate	15.57	149	32483	4.642	ng	#	91
60) 4-Chlorophenyl-phenylether	15.80	204	11884	3.719	ng	#	23
62) Azobenzene	16.09	77	23903	3.244	ng		77
65) n-Nitrosodiphenylamine	16.02	169	21106	4.177	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	6496	3.738	ng	#	11
67) Hexachlorobenzene	16.81	284	6203	3.241	ng	#	6
68) Atrazine	16.96	200	9164	5.060	ng		84
69) Pentachlorophenol	17.16	266	5290	4.464	ng		90
70) Phenanthrene	17.55	178	29603	3.445	ng	#	83
71) Anthracene	17.64	178	29921	3.583	ng	#	85
72) Carbazole	17.92	167	32385	3.743	ng	#	74
73) Di-n-butylphthalate	18.43	149	38902	3.609	ng	#	90
74) Fluoranthene	19.54	202	34207	3.569	ng		94
77) Pyrene	19.90	202	42497	4.479	ng		97
79) Butylbenzylphthalate	20.76	149	16979	3.522	ng	#	70
80) Benzo(a)anthracene	21.62	228	37326	3.827	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	9666	2.461	ng	#	93
82) Chrysene	21.67	228	34271	3.663	ng		97
83) Bis(2-ethylhexyl)phthalate	21.51	149	27428	3.926	ng		92
84) Di-n-octyl phthalate	22.41	149	42404	3.611	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	41552	3.743	ng	#	95
87) Benzo(b)fluoranthene	23.26	252	38086	3.834	ng	#	95
88) Benzo(k)fluoranthene	23.31	252	37748m	3.750	ng		
89) Benzo(a)pyrene	23.87	252	36595	3.832	ng		99
90) Dibenzo(a,h)anthracene	26.35	278	34718	3.509	ng		96
91) Benzo(g,h,i)perylene	27.10	276	34015	3.635	ng	#	90

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

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