Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
Data File : BM017360.D
Acq On : 26 Oct 2018 22:22
Operator : MJ/SJ
Sample : J5651-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Manual Integrations APPROVED
Sohil
10/29/2018 2:15:07 PM

Quant Time: Oct 27 02:54:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	297286	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1361259	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	872050	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	2116636	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2525326	20.00	ng	-0.02
87) Perylene-d12	23.45	264	2482807	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1980445	112.67	ng	-0.01
7) Phenol-d6	6.85	99	2579495	107.75	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1872296	80.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1527572	129.53	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4719961	72.02	ng	-0.02
79) Terphenyl-d14	19.69	244	8218547	73.36	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	238177	26.536	ng	# 79
3) Pyridine	3.65	79	703092	34.045	ng	# 87
4) n-Nitrosodimethylamine	3.56	42	360915	43.533	ng	# 72
6) Aniline	7.00	93	327839	10.949	ng	98
8) 2-Chlorophenol	7.23	128	1021428	50.231	ng	97
9) Benzaldehyde	6.81	77	472045	30.926	ng	96
10) Phenol	6.87	94	1100076	42.698	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	899324	43.788	ng	98
12) 1,3-Dichlorobenzene	7.54	146	953777	40.236	ng	97
13) 1,4-Dichlorobenzene	7.69	146	982837	40.582	ng	97
14) 1,2-Dichlorobenzene	8.00	146	965628	41.383	ng	97
15) Benzyl Alcohol	7.90	79	947579	54.153	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.18	45	1236370	43.089	ng	99
17) 2-Methylphenol	8.10	107	873042	52.793	ng	98
18) Hexachloroethane	8.72	117	351484	42.408	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	798255	50.642	ng	96
20) 3+4-Methylphenols	8.43	107	1196114	52.883	ng	98
22) Acetophenone	8.47	105	1545404	44.786	ng	# 98
24) Nitrobenzene	8.85	77	1181248	47.980	ng	96
25) Isophorone	9.37	82	2221712	57.806	ng	99
26) 2-Nitrophenol	9.55	139	578305	49.930	ng	97
27) 2,4-Dimethylphenol	9.62	122	1035982	60.959	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	1357522	50.183	ng	99
29) 2,4-Dichlorophenol	10.09	162	1077677	54.616	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	1010336	42.683	ng	98
31) Naphthalene	10.48	128	3171757	47.546	ng	100
32) Benzoic acid	9.79	122	668465	52.716	ng	93
33) 4-Chloroaniline	10.60	127	96135	3.337	ng	97
34) Hexachlorobutadiene	10.76	225	598864	39.929	ng	98
35) Caprolactam	11.41	113	284250m	39.528	ng	
36) 4-Chloro-3-methylphenol	11.73	107	1229748	55.289	ng	97
37) 2-Methylnaphthalene	12.10	142	2515992	55.115	ng	99
38) 1-Methylnaphthalene	12.32	142	2416517	54.389	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1277162	41.587	ng	99

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1420053	95.649	ng		99
43) 2,4,6-Trichlorophenol	12.72	196	938841	52.662	ng		99
44) 2,4,5-Trichlorophenol	12.79	196	1018615	53.283	ng		99
46) 1,1'-Biphenyl	13.12	154	3280835	41.807	ng		99
47) 2-Chloronaphthalene	13.16	162	2559827	44.340	ng		99
48) 2-Nitroaniline	13.38	65	784317	48.077	ng		98
49) Acenaphthylene	14.02	152	4318400	51.605	ng		100
50) Dimethylphthalate	13.77	163	3380192	50.241	ng		99
51) 2,6-Dinitrotoluene	13.89	165	774532	52.306	ng		98
52) Acenaphthene	14.36	154	2525840	48.073	ng		97
53) 3-Nitroaniline	14.22	138	158303	9.871	ng		94
54) 2,4-Dinitrophenol	14.43	184	825202	93.450	ng		99
55) Dibenzofuran	14.70	168	4084458	46.746	ng		99
56) 4-Nitrophenol	14.54	139	1783994	119.574	ng		97
57) 2,4-Dinitrotoluene	14.68	165	1120800	56.315	ng	#	98
58) Fluorene	15.35	166	3369748	52.104	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	979120	56.188	ng		99
60) Diethylphthalate	15.14	149	3506989	52.561	ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	1687533	45.770	ng		99
62) 4-Nitroaniline	15.39	138	748096	42.412	ng		99
63) Azobenzene	15.64	77	3262334	50.304	ng		99
65) 4,6-Dinitro-2-methylphenol	15.44	198	634533	46.876	ng		97
66) n-Nitrosodiphenylamine	15.57	169	3046684	47.576	ng		100
67) 4-Bromophenyl-phenylether	16.24	248	1126464	48.469	ng		97
68) Hexachlorobenzene	16.35	284	1213518	44.951	ng		98
69) Atrazine	16.53	200	1164648	50.814	ng		98
70) Pentachlorophenol	16.70	266	1575893	85.213	ng		99
71) Phenanthrene	17.09	178	5573825	48.808	ng		100
72) Anthracene	17.19	178	5698255	52.514	ng		100
73) Carbazole	17.46	167	5352887	48.292	ng		100
74) Di-n-butylphthalate	18.03	149	6263961	53.580	ng		99
75) Fluoranthene	19.12	202	6749929	52.527	ng		99
77) Benzidine	19.31	184	1796816	28.061	ng		98
78) Pyrene	19.48	202	6872052	48.689	ng		99
80) Butylbenzylphthalate	20.39	149	3115615	56.513	ng		97
81) Benzo(a)anthracene	21.23	228	7138319	50.231	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	883932	16.689	ng		99
83) Chrysene	21.29	228	6741768	47.929	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	4459821	53.579	ng		99
85) Di-n-octyl phthalate	22.04	149	7827932	55.274	ng		100
86) Indeno(1,2,3-cd)pyrene	25.67	276	6717288	42.696	ng		100
88) Benzo(b)fluoranthene	22.80	252	7241524	53.347	ng		99
89) Benzo(k)fluoranthene	22.84	252	6753396	49.581	ng		100
90) Benzo(a)pyrene	23.36	252	6641016	51.527	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	5759988	45.008	ng		99
92) Benzo(g,h,i)perylene	26.34	276	5281440	41.638	ng		99

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

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