Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017259.D
Acq On : 20 Oct 2018 11:25
Operator : MJ/SJ
Sample : J5195-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:52 PM

Quant Time: Oct 22 04:05:43 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	7.67	152	357501	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1491053	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	873804	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1906246	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1706148	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1459747	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2430162	114.97	ng	0.00
7) Phenol-d6	6.85	99	2979573	103.50	ng	0.00
23) Nitrobenzene-d5	8.82	82	2219248	87.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1480699	125.30	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5015696	76.37	ng	-0.01
79) Terphenyl-d14	19.70	244	7049029	93.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	321202	29.759	ng	# 79
3) Pyridine	3.66	79	895755	36.068	ng	# 86
4) n-Nitrosodimethylamine	3.57	42	447431	44.878	ng	# 70
6) Aniline	7.01	93	358116	9.946	ng	96
8) 2-Chlorophenol	7.24	128	1200327	49.087	ng	97
9) Benzaldehyde	6.82	77	424817	23.144	ng	99
10) Phenol	6.87	94	1273249	41.096	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	1108188	44.869	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1270158	44.558	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1287160	44.196	ng	97
14) 1,2-Dichlorobenzene	8.02	146	1239040	44.157	ng	98
15) Benzyl Alcohol	7.91	79	1090730	51.835	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1499547	43.458	ng	99
17) 2-Methylphenol	8.11	107	991806	49.873	ng	98
18) Hexachloroethane	8.73	117	460333	46.186	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	923879	48.739	ng	98
20) 3+4-Methylphenols	8.44	107	1341073	49.306	ng	99
22) Acetophenone	8.49	105	1828641	48.381	ng	# 99
24) Nitrobenzene	8.86	77	1344842	49.869	ng	96
25) Isophorone	9.39	82	2502174	59.436	ng	98
26) 2-Nitrophenol	9.56	139	669173	52.424	ng	98
27) 2,4-Dimethylphenol	9.63	122	1150424	61.800	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1572865	53.082	ng	99
29) 2,4-Dichlorophenol	10.09	162	1193120	55.203	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1228494	47.381	ng	98
31) Naphthalene	10.49	128	3755267	51.393	ng	100
32) Benzoic acid	9.79	122	707373	50.929	ng	95
33) 4-Chloroaniline	10.62	127	167704	5.314	ng	97
34) Hexachlorobutadiene	10.77	225	739063	44.987	ng	99
35) Caprolactam	11.41	113	277963m	35.289	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1286700	52.814	ng	98
37) 2-Methylnaphthalene	12.11	142	2843427	56.866	ng	99
38) 1-Methylnaphthalene	12.33	142	2701515	55.511	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1465854	47.635	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1975867	132.819	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	981592	54.950	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	1065880	55.643	ng		97
46) 1,1'-Biphenyl	13.13	154	3610495	45.916	ng		99
47) 2-Chloronaphthalene	13.17	162	2805826	48.503	ng		98
48) 2-Nitroaniline	13.39	65	824302	50.149	ng		94
49) Acenaphthylene	14.03	152	4575868	54.572	ng		100
50) Dimethylphthalate	13.78	163	3510072	52.067	ng		100
51) 2,6-Dinitrotoluene	13.90	165	784513	52.873	ng		99
52) Acenaphthene	14.37	154	2666050	50.639	ng		98
53) 3-Nitroaniline	14.23	138	315792	19.651	ng		98
54) 2,4-Dinitrophenol	14.43	184	997590	111.047	ng		98
55) Dibenzofuran	14.71	168	4236897	48.393	ng		98
56) 4-Nitrophenol	14.54	139	1622758	108.983	ng		96
57) 2,4-Dinitrotoluene	14.69	165	1080302	54.171	ng	#	99
58) Fluorene	15.36	166	3416627	52.723	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	966379	55.345	ng		99
60) Diethylphthalate	15.15	149	3499864	52.349	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1743699	47.198	ng		99
62) 4-Nitroaniline	15.40	138	788268	44.355	ng		99
63) Azobenzene	15.66	77	3295919	50.720	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	646860	52.137	ng		98
66) n-Nitrosodiphenylamine	15.58	169	3018543	52.339	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	1122277	53.619	ng		98
68) Hexachlorobenzene	16.36	284	1200135	49.362	ng		99
69) Atrazine	16.54	200	1087124	52.667	ng		99
70) Pentachlorophenol	16.71	266	1429585	85.834	ng		100
71) Phenanthrene	17.10	178	5265519	51.197	ng		100
72) Anthracene	17.19	178	5364702	54.896	ng		100
73) Carbazole	17.47	167	4715119	47.234	ng		100
74) Di-n-butylphthalate	18.03	149	5740542	54.522	ng		99
75) Fluoranthene	19.12	202	5814729	50.243	ng		99
77) Benzidine	19.32	184	313586	7.249	ng		98
78) Pyrene	19.49	202	5807909	60.907	ng		99
80) Butylbenzylphthalate	20.40	149	2392858	63.261	ng		96
81) Benzo(a)anthracene	21.23	228	5174617	53.895	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	698000	19.506	ng		99
83) Chrysene	21.29	228	4800681	50.516	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3280411	57.861	ng		99
85) Di-n-octyl phthalate	22.05	149	5109957	53.595	ng		100
86) Indeno(1,2,3-cd)pyrene	25.68	276	4699400	44.212	ng		99
88) Benzo(b)fluoranthene	22.80	252	4419905	55.381	ng		100
89) Benzo(k)fluoranthene	22.84	252	4454655	55.625	ng		99
90) Benzo(a)pyrene	23.37	252	4195338	55.364	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	3959255	52.619	ng		99
92) Benzo(g,h,i)perylene	26.36	276	3944569	52.894	ng		99

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

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