Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017249.D
Acq On : 20 Oct 2018 04:12
Operator : MJ/SJ
Sample : PB113953BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:34 PM

Quant Time: Oct 20 06:50:34 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	7.66	152	392118	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1724849	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	990724	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	2059784	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1758928	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1407948	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3644238	157.19	ng		0.00
7) Phenol-d6	6.86	99	4867338	154.15	ng		0.00
23) Nitrobenzene-d5	8.82	82	2401935	81.44	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1885089	140.70	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	5732705	76.99	ng		-0.01
79) Terphenyl-d14	19.70	244	6835124	87.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	324602	27.419	ng		87
3) Pyridine	3.65	79	968151	35.542	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	454141	41.530	ng	#	74
6) Aniline	7.01	93	1589850	40.255	ng		97
8) 2-Chlorophenol	7.24	128	1233993	46.008	ng		97
9) Benzaldehyde	6.82	77	658653	32.715	ng		98
10) Phenol	6.88	94	1517601	44.658	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	1068841	39.455	ng		99
12) 1,3-Dichlorobenzene	7.55	146	1240629	39.680	ng		98
13) 1,4-Dichlorobenzene	7.70	146	1265506	39.617	ng		99
14) 1,2-Dichlorobenzene	8.01	146	1218693	39.597	ng		98
15) Benzyl Alcohol	7.91	79	1064781	46.135	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1449829	38.308	ng		100
17) 2-Methylphenol	8.11	107	1024102	46.951	ng		98
18) Hexachloroethane	8.73	117	449785	41.144	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	882713	42.456	ng		98
20) 3+4-Methylphenols	8.44	107	1391413	46.640	ng		98
22) Acetophenone	8.49	105	1745009	39.911	ng	#	99
24) Nitrobenzene	8.86	77	1302792	41.762	ng		95
25) Isophorone	9.39	82	2349658	48.248	ng		98
26) 2-Nitrophenol	9.56	139	659138	45.486	ng		98
27) 2,4-Dimethylphenol	9.63	122	1153421	53.563	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1509891	44.050	ng		99
29) 2,4-Dichlorophenol	10.09	162	1180610	47.220	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	1195870	39.871	ng		99
31) Naphthalene	10.49	128	3634834	43.002	ng		99
32) Benzoic acid	9.80	122	751218	46.754	ng		93
33) 4-Chloroaniline	10.61	127	722807	19.799	ng		98
34) Hexachlorobutadiene	10.77	225	729276	38.374	ng		98
35) Caprolactam	11.41	113	334115m	36.668	ng		
36) 4-Chloro-3-methylphenol	11.74	107	1230879	43.675	ng		97
37) 2-Methylnaphthalene	12.11	142	2701111	46.698	ng		99
38) 1-Methylnaphthalene	12.33	142	2584776	45.913	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1395850	40.007	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	2052658	121.697	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	940298	46.426	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	1003580	46.208	ng	99
46) 1,1'-Biphenyl	13.13	154	3413340	38.285	ng	99
47) 2-Chloronaphthalene	13.17	162	2643745	40.308	ng	98
48) 2-Nitroaniline	13.39	65	756067	41.655	ng	95
49) Acenaphthylene	14.03	152	4285006	45.072	ng	100
50) Dimethylphthalate	13.78	163	3183893	41.655	ng	100
51) 2,6-Dinitrotoluene	13.90	165	718988	42.738	ng	99
52) Acenaphthene	14.37	154	2465336	41.301	ng	98
53) 3-Nitroaniline	14.23	138	469373	25.761	ng	100
54) 2,4-Dinitrophenol	14.43	184	840198	84.605	ng	98
55) Dibenzofuran	14.71	168	3931833	39.609	ng	99
56) 4-Nitrophenol	14.55	139	1655062	98.509	ng	96
57) 2,4-Dinitrotoluene	14.69	165	962966	42.589	ng	97
58) Fluorene	15.36	166	3123256	42.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	890798	44.996	ng	98
60) Diethylphthalate	15.15	149	3152921	41.594	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1611186	38.465	ng	96
62) 4-Nitroaniline	15.40	138	709112	36.174	ng	98
63) Azobenzene	15.66	77	3003106	40.760	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	567569	43.652	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2740569	43.977	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	1017460	44.987	ng	98
68) Hexachlorobenzene	16.36	284	1092791	41.596	ng	98
69) Atrazine	16.54	200	973187	43.633	ng	99
70) Pentachlorophenol	16.71	266	1303115	72.408	ng	100
71) Phenanthrene	17.10	178	4737429	42.629	ng	99
72) Anthracene	17.19	178	4829158	45.733	ng	99
73) Carbazole	17.47	167	4166224	38.624	ng	100
74) Di-n-butylphthalate	18.03	149	4973515	43.716	ng	100
75) Fluoranthene	19.12	202	5118872	40.934	ng	98
77) Benzidine	19.32	184	2699468	60.526	ng	99
78) Pyrene	19.49	202	5085921	51.735	ng	100
80) Butylbenzylphthalate	20.40	149	1997377	52.587	ng	97
81) Benzo(a)anthracene	21.24	228	4442427	44.881	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	996129	27.002	ng	99
83) Chrysene	21.29	228	4124891	42.103	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2721024	47.591	ng	100
85) Di-n-octyl phthalate	22.05	149	4207153	43.924	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	3591876	32.778	ng	99
88) Benzo(b)fluoranthene	22.80	252	3780836	49.116	ng	100
89) Benzo(k)fluoranthene	22.84	252	3460416	44.800	ng	99
90) Benzo(a)pyrene	23.37	252	3363711	46.023	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3031886	41.777	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3002980	41.749	ng	99

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

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