Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017204.D
Acq On : 18 Oct 2018 21:57
Operator : MJ/SJ
Sample : J5549-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Manual Integrations APPROVED
Sohil
10/19/2018 2:37:41 PM

Quant Time: Oct 19 13:54:57 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	325125	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1304345	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	698064	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1389265	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1209331	20.00	ng		-0.01
87) Perylene-d12	23.47	264	1200617	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2091748	108.81	ng		0.00
7) Phenol-d6	6.86	99	2463488	94.10	ng		0.00
23) Nitrobenzene-d5	8.83	82	1904152	85.38	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	1070929	113.44	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4232337	80.67	ng		0.00
79) Terphenyl-d14	19.70	244	4680891	87.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	281181	28.645	ng	#	79
3) Pyridine	3.66	79	743909	32.937	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	390849	43.107	ng	#	70
6) Aniline	7.02	93	294874	9.005	ng		97
8) 2-Chlorophenol	7.24	128	1022818	45.993	ng		97
9) Benzaldehyde	6.83	77	380322	22.783	ng		94
10) Phenol	6.88	94	1036234	36.776	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	942257	41.950	ng		99
12) 1,3-Dichlorobenzene	7.56	146	1082003	41.737	ng		98
13) 1,4-Dichlorobenzene	7.70	146	1102075	41.609	ng		98
14) 1,2-Dichlorobenzene	8.02	146	1067941	41.849	ng		99
15) Benzyl Alcohol	7.92	79	890653	46.542	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1279227	40.765	ng		99
17) 2-Methylphenol	8.12	107	816708	45.158	ng		98
18) Hexachloroethane	8.73	117	395618	43.646	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	771783	44.770	ng		97
20) 3+4-Methylphenols	8.45	107	1068192	43.184	ng		96
22) Acetophenone	8.49	105	1563623	47.291	ng	#	98
24) Nitrobenzene	8.87	77	1128244	47.826	ng		95
25) Isophorone	9.39	82	2018328	54.806	ng		98
26) 2-Nitrophenol	9.57	139	537157	48.575	ng		97
27) 2,4-Dimethylphenol	9.63	122	914940	56.186	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1274451	49.168	ng		99
29) 2,4-Dichlorophenol	10.10	162	959367	50.741	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	1027139	45.286	ng		98
31) Naphthalene	10.50	128	3092009	48.373	ng		100
32) Benzoic acid	9.78	122	467507	38.477	ng		96
33) 4-Chloroaniline	10.62	127	84896	3.075	ng	#	96
34) Hexachlorobutadiene	10.77	225	636673	44.302	ng		99
35) Caprolactam	11.41	113	179239m	26.013	ng		
36) 4-Chloro-3-methylphenol	11.75	107	996125	46.740	ng		97
37) 2-Methylnaphthalene	12.12	142	2286732	52.279	ng		99
38) 1-Methylnaphthalene	12.33	142	2147116	50.434	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1189050	48.368	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1598961	134.542	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	755068	52.910	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	802394	52.434	ng	97
46) 1,1'-Biphenyl	13.14	154	2889048	45.990	ng	99
47) 2-Chloronaphthalene	13.18	162	2210043	47.822	ng	99
48) 2-Nitroaniline	13.39	65	602121	46.341	ng	97
49) Acenaphthylene	14.03	152	3484464	52.017	ng	100
50) Dimethylphthalate	13.78	163	2554666	47.435	ng	99
51) 2,6-Dinitrotoluene	13.90	165	565434	47.702	ng	97
52) Acenaphthene	14.37	154	2048232	48.699	ng	97
53) 3-Nitroaniline	14.23	138	95507	7.439	ng	85
54) 2,4-Dinitrophenol	14.44	184	630906	89.624	ng	95
55) Dibenzofuran	14.72	168	3229768	46.177	ng	99
56) 4-Nitrophenol	14.54	139	791364	68.365	ng	96
57) 2,4-Dinitrotoluene	14.69	165	759033	47.643	ng	99
58) Fluorene	15.36	166	2531623	48.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	689105	49.401	ng	98
60) Diethylphthalate	15.15	149	2494266	46.701	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1300287	44.057	ng	96
62) 4-Nitroaniline	15.40	138	507103	36.644	ng	95
63) Azobenzene	15.66	77	2422698	46.668	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	412291	46.475	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2177566	51.807	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	800316	52.465	ng	95
68) Hexachlorobenzene	16.36	284	861553	48.622	ng	97
69) Atrazine	16.54	200	749693	49.835	ng	100
70) Pentachlorophenol	16.71	266	978618	80.622	ng	98
71) Phenanthrene	17.10	178	3716571	49.584	ng	100
72) Anthracene	17.20	178	3769438	52.926	ng	100
73) Carbazole	17.47	167	3197091	43.945	ng	100
74) Di-n-butylphthalate	18.04	149	3709363	48.341	ng	100
75) Fluoranthene	19.12	202	3876835	45.964	ng	99
77) Benzidine	19.32	184	713723	23.275	ng	99
78) Pyrene	19.49	202	3874498	57.323	ng	100
80) Butylbenzylphthalate	20.40	149	1437827	54.721	ng	93
81) Benzo(a)anthracene	21.24	228	3512327	51.611	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	349764	13.790	ng	96
83) Chrysene	21.29	228	3313108	49.185	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2018308	50.925	ng	99
85) Di-n-octyl phthalate	22.05	149	3366519	50.208	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	3943195	52.338	ng	98
88) Benzo(b)fluoranthene	22.80	252	3425165	52.179	ng	99
89) Benzo(k)fluoranthene	22.85	252	3292042	49.980	ng	99
90) Benzo(a)pyrene	23.37	252	3275884	52.561	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3329503	53.800	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3348783	54.596	ng	99

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

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