Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019974.D
Acq On : 19 Apr 2019 14:30
Operator : JU/SJ
Sample : PB118962BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Manual Integrations APPROVED
Sohil
4/23/2019 8:19:17 AM

Quant Time: Apr 20 00:35:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	119818	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	486607	20.00	ng		0.00
39) Acenaphthene-d10	14.17	164	278743	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	630623	20.00	ng		0.00
76) Chrysene-d12	21.17	240	745397	20.00	ng		0.00
87) Perylene-d12	23.36	264	719873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1065293	144.09	ng		0.00
7) Phenol-d6	6.71	99	1439043	129.33	ng		0.00
23) Nitrobenzene-d5	8.69	82	956740	87.93	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	604777	134.78	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	1936806	86.59	ng		0.00
79) Terphenyl-d14	19.59	244	3435955	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	125415	39.310	ng		98
3) Pyridine	3.49	79	307215	34.384	ng		99
4) n-Nitrosodimethylamine	3.42	42	115752	40.216	ng	#	89
6) Aniline	6.86	93	417031	29.019	ng		100
8) 2-Chlorophenol	7.08	128	364896	39.683	ng		99
9) Benzaldehyde	6.69	77	144167	19.269	ng		99
10) Phenol	6.73	94	486728	40.038	ng		96
11) bis(2-Chloroethyl)ether	6.96	93	324291	36.460	ng		99
12) 1,3-Dichlorobenzene	7.39	146	363610	37.666	ng		98
13) 1,4-Dichlorobenzene	7.55	146	375528	38.341	ng		98
14) 1,2-Dichlorobenzene	7.85	146	365132	37.598	ng		100
15) Benzyl Alcohol	7.77	79	371133	36.690	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.04	45	294599	34.745	ng		98
17) 2-Methylphenol	7.97	107	307446	38.212	ng		99
18) Hexachloroethane	8.55	117	141166	37.079	ng		99
19) n-Nitroso-di-n-propylamine	8.32	70	319233	32.639	ng		98
20) 3+4-Methylphenols	8.30	107	411818	37.260	ng		99
22) Acetophenone	8.35	105	541705	40.872	ng		99
24) Nitrobenzene	8.73	77	457190	40.561	ng		100
25) Isophorone	9.24	82	801399	37.836	ng		100
26) 2-Nitrophenol	9.43	139	187579	39.051	ng		98
27) 2,4-Dimethylphenol	9.49	122	324128	47.724	ng		98
28) bis(2-Chloroethoxy)methane	9.72	93	454633	38.331	ng		99
29) 2,4-Dichlorophenol	9.96	162	327276	42.429	ng		97
30) 1,2,4-Trichlorobenzene	10.15	180	341177	41.096	ng		99
31) Naphthalene	10.33	128	1043614	39.985	ng		99
32) Benzoic acid	9.69	122	201368	33.221	ng		99
33) 4-Chloroaniline	10.49	127	259635	24.147	ng		97
34) Hexachlorobutadiene	10.59	225	194147	39.651	ng		97
35) Caprolactam	11.32	113	107793m	36.919	ng		
36) 4-Chloro-3-methylphenol	11.62	107	383969	40.062	ng		98
37) 2-Methylnaphthalene	11.96	142	754926	39.729	ng		99
38) 1-Methylnaphthalene	12.19	142	724891	38.636	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	351855	40.918	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	248019	81.253	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	254930	43.728	ng	99
44) 2,4,5-Trichlorophenol	12.69	196	257343	42.412	ng	97
46) 1,1'-Biphenyl	13.00	154	975988	40.426	ng	100
47) 2-Chloronaphthalene	13.05	162	756761	41.094	ng	99
48) 2-Nitroaniline	13.29	65	271730	40.936	ng	97
49) Acenaphthylene	13.90	152	1248989	38.980	ng	100
50) Dimethylphthalate	13.65	163	995825	40.502	ng	99
51) 2,6-Dinitrotoluene	13.79	165	217067	39.925	ng	92
52) Acenaphthene	14.25	154	717355	40.378	ng	99
53) 3-Nitroaniline	14.13	138	158692	29.231	ng	99
54) 2,4-Dinitrophenol	14.36	184	228207	71.198	ng	97
55) Dibenzofuran	14.58	168	1168635	40.226	ng	99
56) 4-Nitrophenol	14.47	139	304236	71.679	ng	97
57) 2,4-Dinitrotoluene	14.60	165	312122	39.938	ng	98
58) Fluorene	15.24	166	974115	39.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	233609	42.195	ng	100
60) Diethylphthalate	15.02	149	1041927	40.746	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	473282	39.932	ng	96
62) 4-Nitroaniline	15.32	138	205353	38.393	ng	98
63) Azobenzene	15.53	77	1119794	40.972	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	147141	36.570	ng	98
66) n-Nitrosodiphenylamine	15.46	169	824420	39.988	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	279648	38.570	ng	98
68) Hexachlorobenzene	16.24	284	338587	38.920	ng	98
69) Atrazine	16.43	200	286797	40.978	ng	98
70) Pentachlorophenol	16.60	266	359340	80.841	ng	98
71) Phenanthrene	16.99	178	1477888	39.491	ng	99
72) Anthracene	17.08	178	1513237	40.622	ng	100
73) Carbazole	17.37	167	1400186	40.258	ng	100
74) Di-n-butylphthalate	17.92	149	1839566	40.274	ng	100
75) Fluoranthene	19.02	202	1759324	40.851	ng	99
77) Benzidine	19.23	184	748774	36.407	ng	99
78) Pyrene	19.39	202	1809466	36.657	ng	100
80) Butylbenzylphthalate	20.30	149	914519	38.214	ng	97
81) Benzo(a)anthracene	21.15	228	1782610	37.752	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	564415	32.127	ng	98
83) Chrysene	21.20	228	1759987	38.866	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1362637	38.246	ng	99
85) Di-n-octyl phthalate	21.93	149	2406013	41.619	ng	100
86) Indeno(1,2,3-cd)pyrene	25.56	276	2303635	51.713	ng	100
88) Benzo(b)fluoranthene	22.70	252	1985503	41.537	ng	100
89) Benzo(k)fluoranthene	22.74	252	1975469	43.898	ng	99
90) Benzo(a)pyrene	23.26	252	1901463	44.895	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1989830	48.729	ng	99
92) Benzo(g,h,i)perylene	26.23	276	1809158	48.915	ng	99

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

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