Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019956.D
Acq On : 18 Apr 2019 16:40
Operator : JU/SJ
Sample : PB118968BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB118968BSD

Manual Integrations APPROVED
Sohil
4/22/2019 2:53:02 AM

Quant Time: Apr 19 01:00:52 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	82626	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	323237	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	172876	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	367008	20.00	ng		0.00
76) Chrysene-d12	21.16	240	408631	20.00	ng		0.00
87) Perylene-d12	23.35	264	414363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	395168	77.51	ng		0.00
7) Phenol-d6	6.70	99	546970	71.29	ng		0.00
23) Nitrobenzene-d5	8.69	82	578459	80.03	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	204223	73.39	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	1109308	79.97	ng		0.00
79) Terphenyl-d14	19.59	244	1855009	80.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	97428	44.283	ng		98
3) Pyridine	3.50	79	253596	41.158	ng		99
4) n-Nitrosodimethylamine	3.43	42	81115	40.867	ng		94
6) Aniline	6.86	93	353556	35.676	ng		99
8) 2-Chlorophenol	7.08	128	235604	37.155	ng		99
9) Benzaldehyde	6.69	77	176507	38.684	ng		99
10) Phenol	6.73	94	305029	36.386	ng		97
11) bis(2-Chloroethyl)ether	6.96	93	224348	36.577	ng		98
12) 1,3-Dichlorobenzene	7.39	146	261748	39.319	ng		98
13) 1,4-Dichlorobenzene	7.55	146	269330	39.876	ng		99
14) 1,2-Dichlorobenzene	7.86	146	258929	38.663	ng		99
15) Benzyl Alcohol	7.77	79	239983	34.404	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.03	45	204022	34.893	ng		99
17) 2-Methylphenol	7.97	107	197297	35.560	ng		99
18) Hexachloroethane	8.56	117	101531	38.672	ng		96
19) n-Nitroso-di-n-propylamine	8.32	70	213098	31.595	ng		98
20) 3+4-Methylphenols	8.30	107	263238	34.538	ng		99
22) Acetophenone	8.35	105	374611	42.550	ng	#	99
24) Nitrobenzene	8.73	77	314587	42.015	ng		98
25) Isophorone	9.24	82	532718	37.862	ng		99
26) 2-Nitrophenol	9.43	139	125084	39.202	ng		98
27) 2,4-Dimethylphenol	9.49	122	178640	39.597	ng		98
28) bis(2-Chloroethoxy)methane	9.73	93	297847	37.805	ng		99
29) 2,4-Dichlorophenol	9.96	162	203915	39.797	ng		98
30) 1,2,4-Trichlorobenzene	10.15	180	234416	42.507	ng		99
31) Naphthalene	10.34	128	722814	41.691	ng		99
32) Benzoic acid	9.67	122	133882	33.246	ng		99
33) 4-Chloroaniline	10.49	127	272077	38.093	ng		99
34) Hexachlorobutadiene	10.59	225	134627	41.392	ng		99
35) Caprolactam	11.34	113	65003m	33.516	ng		
36) 4-Chloro-3-methylphenol	11.62	107	232046	36.447	ng		99
37) 2-Methylnaphthalene	11.96	142	500226	39.630	ng		99
38) 1-Methylnaphthalene	12.19	142	476413	38.227	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	232497	43.595	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	147277	78.292 ng	98
43) 2,4,6-Trichlorophenol	12.60	196	149716	41.407 ng	97
44) 2,4,5-Trichlorophenol	12.69	196	152502	40.525 ng	97
46) 1,1'-Biphenyl	13.00	154	619513	41.375 ng	99
47) 2-Chloronaphthalene	13.05	162	486533	42.599 ng	100
48) 2-Nitroaniline	13.29	65	164476	39.952 ng	99
49) Acenaphthylene	13.90	152	771534	38.825 ng	99
50) Dimethylphthalate	13.65	163	608417	39.900 ng	100
51) 2,6-Dinitrotoluene	13.79	165	131387	38.965 ng	88
52) Acenaphthene	14.24	154	445253	40.410 ng	98
53) 3-Nitroaniline	14.13	138	131208	38.970 ng	99
54) 2,4-Dinitrophenol	14.36	184	139194	70.145 ng	97
55) Dibenzofuran	14.58	168	730583	40.548 ng	98
56) 4-Nitrophenol	14.47	139	171626	65.728 ng	94
57) 2,4-Dinitrotoluene	14.60	165	185518	38.275 ng	97
58) Fluorene	15.24	166	589964	38.643 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	129601	37.744 ng	98
60) Diethylphthalate	15.02	149	631227	39.802 ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	286978	39.041 ng	95
62) 4-Nitroaniline	15.32	138	121782	36.711 ng	95
63) Azobenzene	15.53	77	678490	40.028 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	94379	40.305 ng	94
66) n-Nitrosodiphenylamine	15.46	169	497085	41.429 ng	100
67) 4-Bromophenyl-phenylether	16.13	248	169051	40.064 ng	97
68) Hexachlorobenzene	16.24	284	206998	40.885 ng	98
69) Atrazine	16.43	200	48197	11.833 ng	96
70) Pentachlorophenol	16.60	266	191849	74.162 ng	98
71) Phenanthrene	16.99	178	896359	41.156 ng	100
72) Anthracene	17.08	178	885265	40.834 ng	100
73) Carbazole	17.37	167	810654	40.050 ng	99
74) Di-n-butylphthalate	17.91	149	1062915	39.986 ng	99
75) Fluoranthene	19.02	202	1022484	40.795 ng	99
77) Benzidine	19.24	184	636064	56.415 ng	100
78) Pyrene	19.39	202	1059282	39.145 ng	99
80) Butylbenzylphthalate	20.29	149	508923	38.791 ng	99
81) Benzo(a)anthracene	21.14	228	1057626	40.858 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	417750	43.376 ng	98
83) Chrysene	21.20	228	1001478	40.342 ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	748894	38.342 ng	99
85) Di-n-octyl phthalate	21.93	149	1322975	41.744 ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	1485144	60.815 ng	100
88) Benzo(b)fluoranthene	22.69	252	1151943	41.867 ng	99
89) Benzo(k)fluoranthene	22.74	252	1134085	43.782 ng	99
90) Benzo(a)pyrene	23.26	252	1112491	45.633 ng	99
91) Dibenzo(a,h)anthracene	25.55	278	1266833	53.897 ng	99
92) Benzo(g,h,i)perylene	26.21	276	1219675	57.291 ng	100

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

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