Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020039.D
Acq On : 23 Apr 2019 16:40
Operator : JU/SJ
Sample : PB119139BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119139BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:16 AM

Quant Time: Apr 24 04:03:35 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	7.49	152	95391	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	393909	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	220172	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	477532	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	567107	20.00	ng		-0.02
87) Perylene-d12	23.33	264	493303	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	849691	144.36	ng		-0.02
7) Phenol-d6	6.69	99	1136058	128.25	ng		-0.02
23) Nitrobenzene-d5	8.66	82	669902	76.06	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	454879	128.35	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1344169	76.08	ng		-0.02
79) Terphenyl-d14	19.57	244	2157020	67.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	127683	50.269	ng		97
3) Pyridine	3.48	79	212517	29.876	ng		96
4) n-Nitrosodimethylamine	3.41	42	100147	43.704	ng	#	90
6) Aniline	6.85	93	310866	27.171	ng		98
8) 2-Chlorophenol	7.06	128	304400	41.581	ng		98
9) Benzaldehyde	6.69	77	35333	4.980	ng		92
10) Phenol	6.72	94	394862	40.799	ng		92
11) bis(2-Chloroethyl)ether	6.95	93	263249	37.176	ng		99
12) 1,3-Dichlorobenzene	7.37	146	303614	39.505	ng		97
13) 1,4-Dichlorobenzene	7.53	146	311274	39.919	ng		98
14) 1,2-Dichlorobenzene	7.83	146	308956	39.960	ng		98
15) Benzyl Alcohol	7.76	79	299566	37.199	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.01	45	235752	34.924	ng		99
17) 2-Methylphenol	7.95	107	250516	39.109	ng		95
18) Hexachloroethane	8.53	117	120503	39.756	ng		95
19) n-Nitroso-di-n-propylamine	8.30	70	263767	33.874	ng		100
20) 3+4-Methylphenols	8.29	107	329801	37.480	ng		98
22) Acetophenone	8.33	105	454193	42.334	ng	#	99
24) Nitrobenzene	8.71	77	388938	42.626	ng		99
25) Isophorone	9.22	82	653833	38.133	ng		99
26) 2-Nitrophenol	9.41	139	152942	39.333	ng		91
27) 2,4-Dimethylphenol	9.47	122	258872	47.086	ng		98
28) bis(2-Chloroethoxy)methane	9.70	93	369167	38.450	ng		99
29) 2,4-Dichlorophenol	9.95	162	264346	42.335	ng		95
30) 1,2,4-Trichlorobenzene	10.13	180	295619	43.988	ng		98
31) Naphthalene	10.32	128	877401	41.528	ng		100
32) Benzoic acid	9.67	122	153024	31.497	ng		97
33) 4-Chloroaniline	10.47	127	211035	24.246	ng		99
34) Hexachlorobutadiene	10.57	225	175017	44.156	ng		98
35) Caprolactam	11.30	113	81728m	34.579	ng		
36) 4-Chloro-3-methylphenol	11.60	107	296967	38.276	ng		97
37) 2-Methylnaphthalene	11.94	142	623028	40.504	ng		98
38) 1-Methylnaphthalene	12.16	142	594876	39.168	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	306754	45.163	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	156908	67.401 ng	100
43) 2,4,6-Trichlorophenol	12.59	196	206127	44.763 ng	98
44) 2,4,5-Trichlorophenol	12.67	196	210017	43.820 ng	96
46) 1,1'-Biphenyl	12.98	154	808838	42.415 ng	100
47) 2-Chloronaphthalene	13.02	162	622797	42.816 ng	99
48) 2-Nitroaniline	13.27	65	212312	40.494 ng	98
49) Acenaphthylene	13.88	152	990848	39.150 ng	99
50) Dimethylphthalate	13.63	163	801912	41.292 ng	99
51) 2,6-Dinitrotoluene	13.77	165	174248	40.575 ng	89
52) Acenaphthene	14.22	154	574752	40.958 ng	97
53) 3-Nitroaniline	14.12	138	115940	27.038 ng	97
54) 2,4-Dinitrophenol	14.35	184	173819	68.923 ng	94
55) Dibenzofuran	14.56	168	941720	41.039 ng	98
56) 4-Nitrophenol	14.45	139	228554	68.460 ng	93
57) 2,4-Dinitrotoluene	14.59	165	239933	38.868 ng	97
58) Fluorene	15.22	166	775084	39.862 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	189589	43.354 ng	99
60) Diethylphthalate	15.00	149	821009	40.648 ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	386099	41.242 ng	95
62) 4-Nitroaniline	15.30	138	146313	34.631 ng	88
63) Azobenzene	15.51	77	894292	41.426 ng	98
65) 4,6-Dinitro-2-methylphenol	15.35	198	111251	36.514 ng	94
66) n-Nitrosodiphenylamine	15.44	169	652777	41.813 ng	100
67) 4-Bromophenyl-phenylether	16.12	248	225754	41.119 ng	97
68) Hexachlorobenzene	16.22	284	267916	40.669 ng	95
69) Atrazine	16.41	200	210961	39.806 ng	99
70) Pentachlorophenol	16.58	266	283827	84.323 ng	100
71) Phenanthrene	16.97	178	1159137	40.904 ng	99
72) Anthracene	17.06	178	1156615	41.002 ng	100
73) Carbazole	17.35	167	1047446	39.771 ng	99
74) Di-n-butylphthalate	17.89	149	1377228	39.818 ng	99
75) Fluoranthene	19.00	202	1364911	41.853 ng	98
77) Benzidine	19.22	184	354043	22.627 ng	99
78) Pyrene	19.37	202	1406992	37.464 ng	100
80) Butylbenzylphthalate	20.27	149	699316	38.408 ng	97
81) Benzo(a)anthracene	21.13	228	1404926	39.108 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	495512	37.073 ng	99
83) Chrysene	21.19	228	1389483	40.331 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1024621	37.800 ng	99
85) Di-n-octyl phthalate	21.91	149	1837416	41.775 ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2136179	63.030 ng	98
88) Benzo(b)fluoranthene	22.67	252	1615957	49.333 ng	99
89) Benzo(k)fluoranthene	22.71	252	1622731	52.622 ng	99
90) Benzo(a)pyrene	23.23	252	1562496	53.835 ng	98
91) Dibenzo(a,h)anthracene	25.51	278	1830246	65.406 ng	100
92) Benzo(g,h,i)perylene	26.19	276	1688627	66.626 ng	98

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

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