Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019988.D
Acq On : 20 Apr 2019 01:12
Operator : JU/SJ
Sample : PB119069BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119069BS

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

Quant Time: Apr 20 02:39:11 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	7.50	152	149709	20.00	ng		0.00
21) Naphthalene-d8	10.28	136	668872	20.00	ng		0.00
39) Acenaphthene-d10	14.17	164	393587	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	884495	20.00	ng		0.00
76) Chrysene-d12	21.16	240	1079592	20.00	ng		0.00
87) Perylene-d12	23.34	264	852567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1458826	157.92	ng		0.00
7) Phenol-d6	6.71	99	2011008	144.65	ng		0.00
23) Nitrobenzene-d5	8.68	82	1130733	75.60	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	866509	136.77	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	2351476	74.46	ng		0.00
79) Terphenyl-d14	19.59	244	4198277	68.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	182578	45.801	ng		98
3) Pyridine	3.49	79	345240	30.925	ng		98
4) n-Nitrosodimethylamine	3.42	42	148580	41.315	ng	#	92
6) Aniline	6.86	93	553606	30.831	ng		98
8) 2-Chlorophenol	7.08	128	521171	45.361	ng		97
9) Benzaldehyde	6.69	77	99506	9.791	ng		98
10) Phenol	6.74	94	702840	46.272	ng		97
11) bis(2-Chloroethyl)ether	6.96	93	444782	40.022	ng		100
12) 1,3-Dichlorobenzene	7.39	146	471362	39.079	ng		99
13) 1,4-Dichlorobenzene	7.54	146	496147	40.542	ng		99
14) 1,2-Dichlorobenzene	7.85	146	486448	40.089	ng		98
15) Benzyl Alcohol	7.77	79	525668	41.592	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.04	45	407874	38.500	ng		99
17) 2-Methylphenol	7.97	107	447476	44.512	ng		99
18) Hexachloroethane	8.55	117	186238	39.150	ng		100
19) n-Nitroso-di-n-propylamine	8.32	70	453048	37.072	ng		99
20) 3+4-Methylphenols	8.30	107	597652	43.277	ng		98
22) Acetophenone	8.35	105	769688	42.249	ng		99
24) Nitrobenzene	8.72	77	646800	41.746	ng		98
25) Isophorone	9.24	82	1138405	39.101	ng		100
26) 2-Nitrophenol	9.42	139	269626	40.836	ng		98
27) 2,4-Dimethylphenol	9.49	122	468345	50.168	ng		99
28) bis(2-Chloroethoxy)methane	9.72	93	657688	40.341	ng		99
29) 2,4-Dichlorophenol	9.96	162	475722	44.868	ng		98
30) 1,2,4-Trichlorobenzene	10.15	180	481726	42.213	ng		99
31) Naphthalene	10.33	128	1491109	41.562	ng		99
32) Benzoic acid	9.71	122	333371	38.975	ng		96
33) 4-Chloroaniline	10.48	127	349127	23.622	ng		100
34) Hexachlorobutadiene	10.59	225	266989	39.669	ng		97
35) Caprolactam	11.32	113	153418m	38.227	ng		
36) 4-Chloro-3-methylphenol	11.62	107	548975	41.670	ng		100
37) 2-Methylnaphthalene	11.96	142	1092756	41.837	ng		99
38) 1-Methylnaphthalene	12.18	142	1051064	40.756	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	513636	42.303	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	233681	58.099	ng	96
43) 2,4,6-Trichlorophenol	12.60	196	375300	45.591	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	398280	46.486	ng	98
46) 1,1'-Biphenyl	13.00	154	1420798	41.678	ng	100
47) 2-Chloronaphthalene	13.04	162	1103678	42.445	ng	100
48) 2-Nitroaniline	13.29	65	399275	42.600	ng	97
49) Acenaphthylene	13.90	152	1820003	40.228	ng	99
50) Dimethylphthalate	13.65	163	1421525	40.946	ng	99
51) 2,6-Dinitrotoluene	13.79	165	310371	40.429	ng	91
52) Acenaphthene	14.24	154	1044071	41.621	ng	99
53) 3-Nitroaniline	14.13	138	239224	31.208	ng	98
54) 2,4-Dinitrophenol	14.36	184	279298	62.708	ng	96
55) Dibenzofuran	14.58	168	1706103	41.591	ng	99
56) 4-Nitrophenol	14.47	139	480123	79.423	ng	96
57) 2,4-Dinitrotoluene	14.60	165	452635	41.018	ng	98
58) Fluorene	15.24	166	1441136	41.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	345492	44.195	ng	99
60) Diethylphthalate	15.02	149	1479036	40.963	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	702245	41.962	ng	98
62) 4-Nitroaniline	15.32	138	293747	38.894	ng	97
63) Azobenzene	15.53	77	1608520	41.681	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	189600	33.597	ng	95
66) n-Nitrosodiphenylamine	15.46	169	1192189	41.229	ng	100
67) 4-Bromophenyl-phenylether	16.13	248	409585	40.277	ng	94
68) Hexachlorobenzene	16.24	284	493988	40.485	ng	97
69) Atrazine	16.43	200	392959	40.031	ng	99
70) Pentachlorophenol	16.60	266	553977	88.857	ng	99
71) Phenanthrene	16.99	178	2166482	41.275	ng	99
72) Anthracene	17.08	178	2201830	42.141	ng	99
73) Carbazole	17.37	167	2047493	41.972	ng	99
74) Di-n-butylphthalate	17.91	149	2625690	40.985	ng	99
75) Fluoranthene	19.02	202	2595160	42.963	ng	99
77) Benzidine	19.23	184	825667	27.719	ng	99
78) Pyrene	19.39	202	2711973	37.933	ng	100
80) Butylbenzylphthalate	20.29	149	1345710	38.824	ng	97
81) Benzo(a)anthracene	21.14	228	2720891	39.785	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	975857	38.352	ng	98
83) Chrysene	21.20	228	2642587	40.292	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1955978	37.905	ng	99
85) Di-n-octyl phthalate	21.93	149	3496530	41.759	ng	100
86) Indeno(1,2,3-cd)pyrene	25.55	276	2869556	44.476	ng	100
88) Benzo(b)fluoranthene	22.69	252	2905760	51.328	ng	99
89) Benzo(k)fluoranthene	22.74	252	2793380	52.412	ng	99
90) Benzo(a)pyrene	23.26	252	2620607	52.244	ng	98
91) Dibenzo(a,h)anthracene	25.55	278	2513675	51.976	ng	98
92) Benzo(g,h,i)perylene	26.21	276	2211538	50.488	ng	100

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

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