Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020025.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : PB119111BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119111BS

Manual Integrations APPROVED
Sohil
4/23/2019 4:13:44 PM

Quant Time: Apr 23 07:38:35 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	7.50	152	74603	20.00	ng		-0.01
21) Naphthalene-d8	10.27	136	300071	20.00	ng		-0.01
39) Acenaphthene-d10	14.16	164	174043	20.00	ng		-0.01
64) Phenanthrene-d10	16.93	188	392600	20.00	ng		-0.01
76) Chrysene-d12	21.15	240	499397	20.00	ng		-0.01
87) Perylene-d12	23.34	264	522751	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	629822	136.82	ng		-0.01
7) Phenol-d6	6.69	99	845774	122.08	ng		-0.02
23) Nitrobenzene-d5	8.67	82	579259	86.33	ng		-0.01
42) 2,4,6-Tribromophenol	15.68	330	363536	129.76	ng		-0.01
45) 2-Fluorobiphenyl	12.77	172	1193963	85.49	ng		-0.02
79) Terphenyl-d14	19.58	244	2145124	75.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	80742	40.646	ng		98
3) Pyridine	3.49	79	196922	35.397	ng		97
4) n-Nitrosodimethylamine	3.42	42	68972	38.486	ng	#	91
6) Aniline	6.85	93	221530	24.758	ng		98
8) 2-Chlorophenol	7.07	128	222695	38.896	ng		97
9) Benzaldehyde	6.69	77	70958	14.713	ng		96
10) Phenol	6.72	94	283007	37.389	ng		94
11) bis(2-Chloroethyl)ether	6.95	93	189953	34.300	ng		97
12) 1,3-Dichlorobenzene	7.38	146	229245	38.140	ng		97
13) 1,4-Dichlorobenzene	7.53	146	236432	38.770	ng		99
14) 1,2-Dichlorobenzene	7.84	146	228180	37.736	ng		100
15) Benzyl Alcohol	7.77	79	212462	33.734	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	174267	33.010	ng		97
17) 2-Methylphenol	7.96	107	181529	36.236	ng		96
18) Hexachloroethane	8.54	117	88940	37.519	ng		97
19) n-Nitroso-di-n-propylamine	8.31	70	189188	31.066	ng		99
20) 3+4-Methylphenols	8.29	107	235314	34.194	ng		97
22) Acetophenone	8.34	105	327038	40.014	ng	#	99
24) Nitrobenzene	8.72	77	277922	39.984	ng		98
25) Isophorone	9.23	82	476090	36.450	ng		99
26) 2-Nitrophenol	9.42	139	106070	35.809	ng		96
27) 2,4-Dimethylphenol	9.48	122	190343	45.448	ng		98
28) bis(2-Chloroethoxy)methane	9.71	93	267479	36.571	ng		98
29) 2,4-Dichlorophenol	9.96	162	186120	39.129	ng		98
30) 1,2,4-Trichlorobenzene	10.14	180	215410	42.076	ng		98
31) Naphthalene	10.32	128	638025	39.641	ng		98
32) Benzoic acid	9.65	122	64778	19.757	ng		98
33) 4-Chloroaniline	10.49	127	166551	25.119	ng		99
34) Hexachlorobutadiene	10.57	225	122164	40.460	ng		96
35) Caprolactam	11.30	113	63113m	35.053	ng		
36) 4-Chloro-3-methylphenol	11.61	107	220795	37.358	ng		97
37) 2-Methylnaphthalene	11.95	142	461092	39.350	ng		97
38) 1-Methylnaphthalene	12.17	142	444649	38.432	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	224256	41.768	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	120867	65.978	ng	97
43) 2,4,6-Trichlorophenol	12.59	196	151544	41.632	ng	99
44) 2,4,5-Trichlorophenol	12.68	196	151242	39.920	ng	97
46) 1,1'-Biphenyl	12.99	154	603002	40.002	ng	99
47) 2-Chloronaphthalene	13.03	162	467746	40.679	ng	100
48) 2-Nitroaniline	13.28	65	158911	38.342	ng	95
49) Acenaphthylene	13.89	152	764517	38.214	ng	99
50) Dimethylphthalate	13.64	163	622655	40.559	ng	99
51) 2,6-Dinitrotoluene	13.78	165	133630	39.364	ng	87
52) Acenaphthene	14.23	154	440063	39.671	ng	100
53) 3-Nitroaniline	14.13	138	95149	28.070	ng	99
54) 2,4-Dinitrophenol	14.37	184	71236	39.334	ng	95
55) Dibenzofuran	14.57	168	722263	39.818	ng	97
56) 4-Nitrophenol	14.46	139	154312	59.328	ng	94
57) 2,4-Dinitrotoluene	14.59	165	185476	38.010	ng	98
58) Fluorene	15.23	166	589280	38.339	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.81	232	146904	42.496	ng	99
60) Diethylphthalate	15.01	149	634849	39.762	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	288792	39.024	ng	93
62) 4-Nitroaniline	15.31	138	117940	35.315	ng	95
63) Azobenzene	15.52	77	694122	40.676	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	64862	25.894	ng	95
66) n-Nitrosodiphenylamine	15.45	169	505183	39.359	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	172982	38.323	ng	96
68) Hexachlorobenzene	16.23	284	211411	39.034	ng	99
69) Atrazine	16.42	200	176593	40.529	ng	97
70) Pentachlorophenol	16.59	266	209312	75.638	ng	98
71) Phenanthrene	16.97	178	909705	39.046	ng	99
72) Anthracene	17.07	178	920922	39.709	ng	99
73) Carbazole	17.36	167	843663	38.963	ng	99
74) Di-n-butylphthalate	17.90	149	1115284	39.221	ng	100
75) Fluoranthene	19.01	202	1104988	41.213	ng	98
77) Benzidine	19.23	184	429697	31.185	ng	98
78) Pyrene	19.37	202	1142549	34.548	ng	100
80) Butylbenzylphthalate	20.28	149	568511	35.457	ng	100
81) Benzo(a)anthracene	21.13	228	1184169	37.432	ng	100
82) 3,3'-Dichlorobenzidine	21.08	252	353862	30.064	ng	99
83) Chrysene	21.19	228	1179596	38.881	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	867335	36.335	ng	100
85) Di-n-octyl phthalate	21.92	149	1583950	40.895	ng	100
86) Indeno(1,2,3-cd)pyrene	25.52	276	1876251	62.867	ng	99
88) Benzo(b)fluoranthene	22.68	252	1452173	41.836	ng	99
89) Benzo(k)fluoranthene	22.72	252	1389158	42.510	ng	99
90) Benzo(a)pyrene	23.24	252	1396967	45.421	ng	98
91) Dibenzo(a,h)anthracene	25.53	278	1594021	53.756	ng	99
92) Benzo(g,h,i)perylene	26.20	276	1501263	55.896	ng	98

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

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