Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113978.D
Acq On : 25 Apr 2019 15:38
Operator : JU/SJ
Sample : PB119203BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Manual Integrations APPROVED
Sohil
4/29/2019 5:49:46 AM

Quant Time: Apr 26 04:44:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	127034	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	517418	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	278124	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	589469	20.00	ng		0.00
76) Chrysene-d12	14.07	240	598320	20.00	ng		0.00
87) Perylene-d12	15.56	264	517139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	965875	130.04	ng		0.00
7) Phenol-d6	6.53	99	1209640	129.81	ng		0.01
23) Nitrobenzene-d5	7.46	82	781372	93.24	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	446755	131.86	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1517490	85.34	ng		0.00
79) Terphenyl-d14	13.00	244	2137918	73.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	108180	30.898	ng		96
3) Pyridine	3.47	79	264239	27.650	ng		99
4) n-Nitrosodimethylamine	3.40	42	120265	36.763	ng	#	96
6) Aniline	6.56	93	412158	32.210	ng		100
8) 2-Chlorophenol	6.69	128	354447	41.799	ng		99
9) Benzaldehyde	6.44	77	76983	9.989	ng		99
10) Phenol	6.55	94	449609	40.350	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	343379	40.951	ng		95
12) 1,3-Dichlorobenzene	6.84	146	375347	39.083	ng		100
13) 1,4-Dichlorobenzene	6.92	146	383697	39.721	ng		98
14) 1,2-Dichlorobenzene	7.07	146	366682	41.304	ng		99
15) Benzyl Alcohol	7.03	79	285536	45.497	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	388976	39.739	ng		91
17) 2-Methylphenol	7.15	107	320697	43.144	ng		98
18) Hexachloroethane	7.41	117	133736	39.494	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	247838	41.070	ng		100
20) 3+4-Methylphenols	7.30	107	370647	44.135	ng	#	80
22) Acetophenone	7.30	105	498276	43.275	ng	#	95
24) Nitrobenzene	7.47	77	387934	41.895	ng		99
25) Isophorone	7.72	82	703927	41.053	ng		100
26) 2-Nitrophenol	7.79	139	195725	46.333	ng		96
27) 2,4-Dimethylphenol	7.83	122	305590	44.401	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	431749	39.514	ng		99
29) 2,4-Dichlorophenol	8.03	162	331304	42.095	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	362419	41.299	ng		98
31) Naphthalene	8.20	128	1034203	42.075	ng		99
32) Benzoic acid	7.95	122	168911	36.342	ng		95
33) 4-Chloroaniline	8.25	127	326253	31.368	ng		96
34) Hexachlorobutadiene	8.32	225	217009	39.669	ng		98
35) Caprolactam	8.61	113	105702m	42.220	ng		
36) 4-Chloro-3-methylphenol	8.73	107	331615	42.529	ng		99
37) 2-Methylnaphthalene	8.89	142	714454	43.103	ng		99
38) 1-Methylnaphthalene	8.99	142	676021	42.256	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	368855	40.828	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	358609	71.182	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	249190	43.437	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	274612	42.677	ng		98
46) 1,1'-Biphenyl	9.36	154	891909	41.979	ng		98
47) 2-Chloronaphthalene	9.38	162	726644	42.056	ng		97
48) 2-Nitroaniline	9.47	65	205784	45.433	ng		94
49) Acenaphthylene	9.80	152	1113822	41.177	ng		99
50) Dimethylphthalate	9.66	163	854382	42.476	ng		100
51) 2,6-Dinitrotoluene	9.72	165	196766	45.597	ng		98
52) Acenaphthene	9.97	154	747627	46.769	ng		99
53) 3-Nitroaniline	9.88	138	159715	35.221	ng		97
54) 2,4-Dinitrophenol	9.99	184	183850	96.551	ng	#	3
55) Dibenzofuran	10.15	168	1027919	42.928	ng		100
56) 4-Nitrophenol	10.05	139	337998	94.140	ng		96
57) 2,4-Dinitrotoluene	10.12	165	273387	50.192	ng		93
58) Fluorene	10.49	166	775524	43.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	262693	46.456	ng		99
60) Diethylphthalate	10.36	149	835243	43.728	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	408565	42.793	ng		99
62) 4-Nitroaniline	10.50	138	212947	48.122	ng		98
63) Azobenzene	10.63	77	774137	41.817	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	122460	45.732	ng		92
66) n-Nitrosodiphenylamine	10.59	169	713616	40.347	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	273760	38.444	ng		99
68) Hexachlorobenzene	11.04	284	307334	39.275	ng		97
69) Atrazine	11.12	200	243662	42.349	ng		100
70) Pentachlorophenol	11.23	266	362460	81.809	ng		98
71) Phenanthrene	11.45	178	1232334	41.599	ng		100
72) Anthracene	11.50	178	1260723	42.143	ng		99
73) Carbazole	11.65	167	1165511	43.670	ng		100
74) Di-n-butylphthalate	11.98	149	1356992	43.223	ng		99
75) Fluoranthene	12.63	202	1408244	43.571	ng		99
77) Benzidine	12.74	184	566395	31.771	ng		97
78) Pyrene	12.86	202	1414386	33.803	ng		100
80) Butylbenzylphthalate	13.47	149	635919	38.629	ng		98
81) Benzo(a)anthracene	14.06	228	1376304	39.042	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	483862	37.448	ng	#	98
83) Chrysene	14.10	228	1364617	39.748	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	860667	41.091	ng		99
85) Di-n-octyl phthalate	14.67	149	1517692	46.293	ng		98
86) Indeno(1,2,3-cd)pyrene	17.07	276	1499425	46.107	ng		98
88) Benzo(b)fluoranthene	15.13	252	1516438	46.347	ng		99
89) Benzo(k)fluoranthene	15.16	252	1380117	49.038	ng		99
90) Benzo(a)pyrene	15.50	252	1400809	49.498	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	1262689	47.530	ng		99
92) Benzo(g,h,i)perylene	17.52	276	1233980	46.028	ng		99

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

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