Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112323.D
Acq On : 30 Jan 2019 15:55
Operator : JU/SJ
Sample : PB116683BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Manual Integrations APPROVED
mohammad
2/1/2019 12:06:23 AM

Quant Time: Jan 30 23:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133094	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	502483	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	243816	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	456230	20.00	ng		0.00
76) Chrysene-d12	14.00	240	273277	20.00	ng		0.00
87) Perylene-d12	15.47	264	272063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	926835	147.91	ng		0.00
7) Phenol-d6	6.49	99	1138129	130.72	ng		0.00
23) Nitrobenzene-d5	7.40	82	677009	77.63	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	358361	126.27	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1371288	79.55	ng		0.00
79) Terphenyl-d14	12.94	244	1285184	88.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	119168	47.741	ng		96
3) Pyridine	3.45	79	316580	49.859	ng		97
4) n-Nitrosodimethylamine	3.40	42	140534	52.681	ng		97
6) Aniline	6.50	93	266672	25.747	ng	#	24
8) 2-Chlorophenol	6.63	128	331844	39.367	ng		99
9) Benzaldehyde	6.39	77	72915	16.022	ng		99
10) Phenol	6.50	94	371357	38.875	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	291933	38.818	ng		98
12) 1,3-Dichlorobenzene	6.78	146	372066	37.901	ng		99
13) 1,4-Dichlorobenzene	6.86	146	386327	38.238	ng		99
14) 1,2-Dichlorobenzene	7.01	146	354405	37.466	ng		96
15) Benzyl Alcohol	6.99	79	271053	36.930	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	364310	37.729	ng	#	45
17) 2-Methylphenol	7.10	107	252393	37.771	ng	#	91
18) Hexachloroethane	7.35	117	133022	37.494	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	218799	36.443	ng		98
20) 3+4-Methylphenols	7.26	107	329689	38.583	ng	#	68
22) Acetophenone	7.25	105	444835	36.356	ng		96
24) Nitrobenzene	7.42	77	332302	38.154	ng		96
25) Isophorone	7.66	82	582870	42.605	ng		100
26) 2-Nitrophenol	7.74	139	181419	38.978	ng		98
27) 2,4-Dimethylphenol	7.78	122	280660	43.766	ng		93
28) bis(2-Chloroethoxy)methane	7.87	93	368081	39.513	ng		98
29) 2,4-Dichlorophenol	7.99	162	282772	39.404	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	322346	39.077	ng		99
31) Naphthalene	8.15	128	963869	41.019	ng		99
32) Benzoic acid	7.92	122	142067	38.838	ng		97
33) 4-Chloroaniline	8.19	127	205122	20.048	ng		99
34) Hexachlorobutadiene	8.26	225	175912	36.341	ng		99
35) Caprolactam	8.56	113	88853m	35.098	ng		
36) 4-Chloro-3-methylphenol	8.69	107	283831	37.361	ng		96
37) 2-Methylnaphthalene	8.83	142	664929	41.335	ng		96
38) 1-Methylnaphthalene	8.93	142	632513	41.023	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308695	38.561	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	138062	49.604	ng		95
43) 2,4,6-Trichlorophenol	9.12	196	193540	39.221	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	200848	38.945	ng		98
46) 1,1'-Biphenyl	9.30	154	813759	38.177	ng		98
47) 2-Chloronaphthalene	9.32	162	625460	37.839	ng		95
48) 2-Nitroaniline	9.42	65	170960	37.947	ng		93
49) Acenaphthylene	9.74	152	987064	40.742	ng		99
50) Dimethylphthalate	9.59	163	728504	38.457	ng		99
51) 2,6-Dinitrotoluene	9.66	165	164222	38.708	ng		94
52) Acenaphthene	9.91	154	569026	39.317	ng		99
53) 3-Nitroaniline	9.83	138	113099	24.607	ng		97
54) 2,4-Dinitrophenol	9.95	184	74939	55.039	ng		97
55) Dibenzofuran	10.08	168	858211	38.804	ng		95
56) 4-Nitrophenol	10.02	139	178578	73.488	ng		95
57) 2,4-Dinitrotoluene	10.07	165	211611	39.179	ng	#	85
58) Fluorene	10.43	166	680402	41.111	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	155770	39.968	ng		96
60) Diethylphthalate	10.29	149	720941	38.350	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	329986	36.653	ng		99
62) 4-Nitroaniline	10.45	138	158117	35.072	ng		97
63) Azobenzene	10.57	77	619398	37.463	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	63713	24.908	ng		98
66) n-Nitrosodiphenylamine	10.53	169	596564	38.798	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	200392	37.345	ng		95
68) Hexachlorobenzene	10.98	284	215575	37.446	ng		99
69) Atrazine	11.06	200	195806	39.466	ng		99
70) Pentachlorophenol	11.18	266	155072	69.226	ng		98
71) Phenanthrene	11.39	178	934804	39.412	ng		99
72) Anthracene	11.44	178	971474	41.117	ng		100
73) Carbazole	11.60	167	840698	36.072	ng		100
74) Di-n-butylphthalate	11.92	149	1110451	38.386	ng		99
75) Fluoranthene	12.57	202	870245	34.208	ng		99
77) Benzidine	12.69	184	382673	50.877	ng		96
78) Pyrene	12.80	202	857073	45.300	ng		98
80) Butylbenzylphthalate	13.41	149	375332	41.002	ng		92
81) Benzo(a)anthracene	13.99	228	655843	40.825	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	209675	34.875	ng		100
83) Chrysene	14.03	228	611312	39.865	ng		96
84) Bis(2-ethylhexyl)phthalate	13.97	149	503015	38.712	ng	#	97
85) Di-n-octyl phthalate	14.58	149	760212	38.027	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	660144	54.329	ng		98
88) Benzo(b)fluoranthene	15.04	252	620889	38.160	ng		98
89) Benzo(k)fluoranthene	15.07	252	611655	39.247	ng		99
90) Benzo(a)pyrene	15.41	252	599996	40.983	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	546284	46.298	ng		99
92) Benzo(g,h,i)perylene	17.39	276	533998	47.970	ng		99

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

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