Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
Data File : BF114009.D
Acq On : 26 Apr 2019 14:51
Operator : JU/SJ
Sample : PB119084BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 27 00:10:13 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

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Manual Integrations APPROVED
Sohil
4/27/2019 2:36:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132978	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	506124	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	277319	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	556432	20.00	ng		0.00
76) Chrysene-d12	14.06	240	423686	20.00	ng		0.00
87) Perylene-d12	15.55	264	377912	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	978064	125.80	ng		0.02
7) Phenol-d6	6.53	99	1260516	129.22	ng		0.01
23) Nitrobenzene-d5	7.46	82	683263	83.35	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	438714	129.86	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1406067	79.30	ng		0.00
79) Terphenyl-d14	13.00	244	1687120	81.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	140538	38.346	ng		96
3) Pyridine	3.56	79	367981	36.784	ng		98
4) n-Nitrosodimethylamine	3.51	42	122851	35.875	ng		94
6) Aniline	6.56	93	395795	29.549	ng		100
8) 2-Chlorophenol	6.69	128	340438	38.352	ng		98
9) Benzaldehyde	6.45	77	264975	52.254	ng		93
10) Phenol	6.55	94	430696	36.925	ng		94
11) bis(2-Chloroethyl)ether	6.63	93	327745	37.340	ng		95
12) 1,3-Dichlorobenzene	6.84	146	386984	38.493	ng		99
13) 1,4-Dichlorobenzene	6.92	146	398571	39.417	ng		99
14) 1,2-Dichlorobenzene	7.07	146	368244	39.626	ng		98
15) Benzyl Alcohol	7.03	79	278320	42.365	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	372348	36.340	ng		92
17) 2-Methylphenol	7.15	107	303534	39.010	ng		98
18) Hexachloroethane	7.41	117	135176	38.135	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	241009	38.153	ng		98
20) 3+4-Methylphenols	7.30	107	365061	41.527	ng	#	79
22) Acetophenone	7.30	105	476660	42.321	ng		97
24) Nitrobenzene	7.47	77	372210	41.094	ng		99
25) Isophorone	7.72	82	659718	39.333	ng		99
26) 2-Nitrophenol	7.79	139	187945	45.484	ng		99
27) 2,4-Dimethylphenol	7.83	122	328540	48.801	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	422381	39.520	ng		99
29) 2,4-Dichlorophenol	8.03	162	321230	41.726	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	348963	40.653	ng		99
31) Naphthalene	8.20	128	1005855	41.834	ng		99
32) Benzoic acid	7.95	122	192384	42.316	ng		94
33) 4-Chloroaniline	8.24	127	245761	24.157	ng		99
34) Hexachlorobutadiene	8.32	225	210447	39.328	ng		99
35) Caprolactam	8.62	113	99039m	40.441	ng		
36) 4-Chloro-3-methylphenol	8.73	107	317378	41.612	ng		100
37) 2-Methylnaphthalene	8.89	142	690467	42.586	ng		98
38) 1-Methylnaphthalene	8.99	142	649949	41.533	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	351321	39.000	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	441689	87.927	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	244821	42.800	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	261644	40.780	ng		98
46) 1,1'-Biphenyl	9.36	154	854443	40.332	ng		98
47) 2-Chloronaphthalene	9.38	162	700006	40.632	ng		98
48) 2-Nitroaniline	9.47	65	193595	42.866	ng		94
49) Acenaphthylene	9.80	152	1081053	40.082	ng		98
50) Dimethylphthalate	9.65	163	810697	40.421	ng		100
51) 2,6-Dinitrotoluene	9.71	165	187097	43.483	ng		95
52) Acenaphthene	9.97	154	710684	44.587	ng		97
53) 3-Nitroaniline	9.88	138	116936	25.862	ng		93
54) 2,4-Dinitrophenol	9.99	184	173755	91.949	ng	#	1
55) Dibenzofuran	10.14	168	975427	40.854	ng		98
56) 4-Nitrophenol	10.05	139	287428	80.287	ng		98
57) 2,4-Dinitrotoluene	10.12	165	250304	46.087	ng		98
58) Fluorene	10.49	166	736907	40.995	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	234230	41.542	ng		98
60) Diethylphthalate	10.35	149	772831	40.578	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	386525	40.602	ng		99
62) 4-Nitroaniline	10.49	138	181738	41.189	ng		99
63) Azobenzene	10.63	77	727648	39.420	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	109595	43.737	ng		98
66) n-Nitrosodiphenylamine	10.59	169	672668	40.289	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	254929	37.925	ng		96
68) Hexachlorobenzene	11.03	284	282532	38.249	ng		99
69) Atrazine	11.12	200	225556	41.529	ng		100
70) Pentachlorophenol	11.23	266	315120	75.347	ng		97
71) Phenanthrene	11.45	178	1112218	39.773	ng		100
72) Anthracene	11.50	178	1159906	41.075	ng		99
73) Carbazole	11.65	167	1021592	40.550	ng		99
74) Di-n-butylphthalate	11.97	149	1175750	39.674	ng		100
75) Fluoranthene	12.63	202	1200845	39.360	ng		98
77) Benzidine	12.74	184	609764	48.302	ng		99
78) Pyrene	12.86	202	1210233	40.846	ng		99
80) Butylbenzylphthalate	13.47	149	496732	42.611	ng		97
81) Benzo(a)anthracene	14.05	228	1055491	42.283	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	300061	32.795	ng	#	98
83) Chrysene	14.09	228	1045506	43.005	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	671611	45.281	ng		100
85) Di-n-octyl phthalate	14.66	149	1104294	47.567	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	843333	36.621	ng		98
88) Benzo(b)fluoranthene	15.12	252	1015271	42.462	ng		99
89) Benzo(k)fluoranthene	15.15	252	874217	42.506	ng		97
90) Benzo(a)pyrene	15.49	252	867599	41.951	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	709396	36.541	ng		100
92) Benzo(g,h,i)perylene	17.50	276	685280	34.978	ng		98

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

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