Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111983.D
Acq On : 10 Jan 2019 13:19
Operator : JU/SJ
Sample : PB116203BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Manual Integrations APPROVED
Sohil
1/11/2019 4:42:50 PM

Quant Time: Jan 11 01:01:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167329	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	652067	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	282841	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	642982	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	441461	20.00	ng		-0.01
87) Perylene-d12	15.52	264	295146	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1140227	116.58	ng		0.00
7) Phenol-d6	6.53	99	1578024	125.18	ng		0.00
23) Nitrobenzene-d5	7.44	82	807183	66.16	ng		-0.02
42) 2,4,6-Tribromophenol	10.72	330	434114	118.00	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1399274	72.14	ng		-0.01
79) Terphenyl-d14	12.99	244	1744675	75.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	170364	39.836	ng		96
3) Pyridine	3.56	79	420537	37.939	ng		99
4) n-Nitrosodimethylamine	3.50	42	249018	45.153	ng		99
6) Aniline	6.54	93	474756	31.147	ng	#	47
8) 2-Chlorophenol	6.67	128	470755	43.346	ng		94
9) Benzaldehyde	6.42	77	92656	9.710	ng		99
10) Phenol	6.54	94	558255	40.745	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	429098	40.483	ng		96
12) 1,3-Dichlorobenzene	6.82	146	502729	39.930	ng		98
13) 1,4-Dichlorobenzene	6.89	146	507731	39.740	ng		98
14) 1,2-Dichlorobenzene	7.05	146	464695	38.050	ng		98
15) Benzyl Alcohol	7.02	79	406349	40.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	640024	35.415	ng		98
17) 2-Methylphenol	7.14	107	354812	40.649	ng		96
18) Hexachloroethane	7.39	117	164767	36.937	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	299529	36.569	ng		99
20) 3+4-Methylphenols	7.29	107	434060	39.957	ng		91
22) Acetophenone	7.29	105	569375	34.490	ng	#	98
24) Nitrobenzene	7.46	77	485747	39.357	ng		97
25) Isophorone	7.70	82	939702	47.564	ng		99
26) 2-Nitrophenol	7.77	139	261861	43.091	ng		99
27) 2,4-Dimethylphenol	7.82	122	430166	48.957	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	578302	43.853	ng		99
29) 2,4-Dichlorophenol	8.02	162	435075	43.061	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	456678	40.972	ng		99
31) Naphthalene	8.19	128	1350100	43.616	ng		99
32) Benzoic acid	7.95	122	185687m	32.566	ng		
33) 4-Chloroaniline	8.23	127	369480	27.613	ng		98
34) Hexachlorobutadiene	8.30	225	260265	37.508	ng		99
35) Caprolactam	8.60	113	103902m	31.475	ng		
36) 4-Chloro-3-methylphenol	8.72	107	359695	35.806	ng		97
37) 2-Methylnaphthalene	8.87	142	795112	41.454	ng		99
38) 1-Methylnaphthalene	8.97	142	748607	40.693	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	373883	41.464	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	435629	83.555	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	255287	41.741	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	267005	41.668	ng	#	95
46) 1,1'-Biphenyl	9.34	154	966603	40.855	ng		99
47) 2-Chloronaphthalene	9.36	162	754511	40.634	ng		97
48) 2-Nitroaniline	9.46	65	232008	40.868	ng		99
49) Acenaphthylene	9.78	152	1201534	43.768	ng		99
50) Dimethylphthalate	9.64	163	881688	41.497	ng		99
51) 2,6-Dinitrotoluene	9.70	165	197134	41.490	ng		95
52) Acenaphthene	9.95	154	690887	39.038	ng		100
53) 3-Nitroaniline	9.87	138	144192	28.339	ng		97
54) 2,4-Dinitrophenol	9.98	184	155257	77.170	ng	#	87
55) Dibenzofuran	10.13	168	1057007	41.068	ng		99
56) 4-Nitrophenol	10.05	139	277621	77.219	ng		98
57) 2,4-Dinitrotoluene	10.11	165	259364	42.246	ng		99
58) Fluorene	10.47	166	825083	44.056	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	224783	41.634	ng		99
60) Diethylphthalate	10.34	149	835623	40.640	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	406658	38.721	ng		97
62) 4-Nitroaniline	10.49	138	194902	40.384	ng		98
63) Azobenzene	10.62	77	808867	41.179	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	113468	28.600	ng		100
66) n-Nitrosodiphenylamine	10.57	169	719804	33.360	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	260258	31.251	ng		99
68) Hexachlorobenzene	11.02	284	292845	31.729	ng		96
69) Atrazine	11.10	200	238406	31.448	ng		99
70) Pentachlorophenol	11.22	266	316723	60.304	ng		97
71) Phenanthrene	11.43	178	1440285	41.897	ng		99
72) Anthracene	11.49	178	1475718	42.287	ng		99
73) Carbazole	11.63	167	1316207	38.774	ng		99
74) Di-n-butylphthalate	11.96	149	1482981	37.611	ng		99
75) Fluoranthene	12.62	202	1189637	33.709	ng		100
77) Benzidine	12.73	184	442462	33.543	ng		97
78) Pyrene	12.85	202	1400192	46.096	ng		99
80) Butylbenzylphthalate	13.46	149	580514	45.205	ng		99
81) Benzo(a)anthracene	14.03	228	1127429	44.375	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	287067	30.605	ng		99
83) Chrysene	14.07	228	1040750	42.962	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	754983	44.767	ng		99
85) Di-n-octyl phthalate	14.63	149	1081864	44.826	ng		100
86) Indeno(1,2,3-cd)pyrene	17.02	276	790149	44.740	ng		99
88) Benzo(b)fluoranthene	15.09	252	855881	48.477	ng		99
89) Benzo(k)fluoranthene	15.12	252	836563	50.408	ng		99
90) Benzo(a)pyrene	15.46	252	791755	51.002	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	644362	51.608	ng		99
92) Benzo(g,h,i)perylene	17.47	276	572291	46.862	ng		99

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

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