Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116699.D
Acq On : 31 Aug 2019 15:11
Operator : HP/JU
Sample : K4646-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:31 AM

Quant Time: Aug 31 17:52:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108465	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	432849	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	220128	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	366080	20.00	ng		0.00
76) Chrysene-d12	14.00	240	210065	20.00	ng		0.00
87) Perylene-d12	15.44	264	262152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	878312	131.19	ng		0.00
7) Phenol-d6	6.48	99	1218070	138.55	ng		0.00
23) Nitrobenzene-d5	7.41	82	750074	98.93	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	235257	159.86	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1109353	85.01	ng		0.00
79) Terphenyl-d14	12.94	244	944285	83.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	106188	34.358	ng		98
3) Pyridine	3.36	79	277436	31.003	ng		93
4) n-Nitrosodimethylamine	3.29	42	118759	38.648	ng		81
6) Aniline	6.51	93	361502	29.689	ng		97
8) 2-Chlorophenol	6.63	128	311327	42.597	ng		94
9) Benzaldehyde	6.39	77	224571	38.773	ng		98
10) Phenol	6.49	94	418271	42.966	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	308770	40.734	ng		97
12) 1,3-Dichlorobenzene	6.79	146	319143	38.636	ng		97
13) 1,4-Dichlorobenzene	6.87	146	325358	39.563	ng		98
14) 1,2-Dichlorobenzene	7.02	146	307631	40.365	ng		97
15) Benzyl Alcohol	6.99	79	300120	42.055	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	342886	38.555	ng		99
17) 2-Methylphenol	7.10	107	271097	42.372	ng		96
18) Hexachloroethane	7.36	117	124320	38.910	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	233842	40.397	ng		94
20) 3+4-Methylphenols	7.25	107	326839	43.936	ng	#	84
22) Acetophenone	7.26	105	445833	42.783	ng	#	91
24) Nitrobenzene	7.43	77	352129	45.663	ng		95
25) Isophorone	7.67	82	648887	42.234	ng		98
26) 2-Nitrophenol	7.75	139	154670	53.949	ng		91
27) 2,4-Dimethylphenol	7.78	122	288503	49.827	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	389950	41.533	ng		98
29) 2,4-Dichlorophenol	7.99	162	255344	45.888	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	254563	42.178	ng		97
31) Naphthalene	8.15	128	906306	44.033	ng		100
32) Benzoic acid	7.89	122	130574	39.939	ng		96
33) 4-Chloroaniline	8.19	127	141405	15.093	ng		97
34) Hexachlorobutadiene	8.27	225	137654	41.830	ng		99
35) Caprolactam	8.56	113	94237m	45.253	ng		
36) 4-Chloro-3-methylphenol	8.68	107	303140	47.399	ng		94
37) 2-Methylnaphthalene	8.85	142	621808	45.405	ng		96
38) 1-Methylnaphthalene	8.94	142	581739	45.000	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	229889	43.565	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	199932	65.611	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	174573	48.261	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	183955	48.984	ng		94
46) 1,1'-Biphenyl	9.30	154	727469	43.552	ng		97
47) 2-Chloronaphthalene	9.33	162	577643	43.662	ng		99
48) 2-Nitroaniline	9.42	65	186622	48.793	ng		98
49) Acenaphthylene	9.75	152	914188	45.712	ng		99
50) Dimethylphthalate	9.60	163	750978	49.414	ng		99
51) 2,6-Dinitrotoluene	9.66	165	148616	51.254	ng		95
52) Acenaphthene	9.92	154	572812	46.616	ng		99
53) 3-Nitroaniline	9.83	138	106708	29.366	ng		93
54) 2,4-Dinitrophenol	9.93	184	71897	71.024	ng		89
55) Dibenzofuran	10.09	168	800433	46.208	ng		99
56) 4-Nitrophenol	9.99	139	261586	104.987	ng		89
57) 2,4-Dinitrotoluene	10.06	165	199084	56.151	ng		94
58) Fluorene	10.43	166	617320	46.770	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	138954	51.269	ng	#	97
60) Diethylphthalate	10.30	149	682097	44.806	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	263251	45.547	ng		94
62) 4-Nitroaniline	10.44	138	164773	46.725	ng		93
63) Azobenzene	10.58	77	727555	45.834	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	61588	46.040	ng		91
66) n-Nitrosodiphenylamine	10.54	169	569649	44.982	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	159656	42.931	ng		98
68) Hexachlorobenzene	10.98	284	163400	41.995	ng		97
69) Atrazine	11.06	200	162455	45.803	ng		99
70) Pentachlorophenol	11.17	266	171229	90.972	ng		100
71) Phenanthrene	11.39	178	905253	44.422	ng		99
72) Anthracene	11.44	178	929681	45.320	ng		100
73) Carbazole	11.59	167	866681	44.353	ng		99
74) Di-n-butylphthalate	11.93	149	1112095	44.394	ng		99
75) Fluoranthene	12.57	202	860910	42.988	ng		98
77) Benzidine	12.69	184	452311	54.897	ng		99
78) Pyrene	12.80	202	840908	45.032	ng		98
80) Butylbenzylphthalate	13.42	149	424366	46.732	ng		99
81) Benzo(a)anthracene	13.99	228	584848	43.990	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	195719	43.561	ng		100
83) Chrysene	14.02	228	606357	44.269	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	560657	50.016	ng		99
85) Di-n-octyl phthalate	14.59	149	921368	50.227	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	685907	62.345	ng	#	94
88) Benzo(b)fluoranthene	15.03	252	630346	39.771	ng		97
89) Benzo(k)fluoranthene	15.06	252	593105	41.042	ng		98
90) Benzo(a)pyrene	15.39	252	615654	44.648	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	571648	47.362	ng	#	94
92) Benzo(g,h,i)perylene	17.33	276	547734	44.497	ng	#	93

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

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