Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112087.D
Acq On : 17 Jan 2019 14:17
Operator : JU/SJ
Sample : K1167-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Manual Integrations APPROVED
Sohil
1/18/2019 11:45:43 AM

Quant Time: Jan 18 00:21:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	344873	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1267082	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	576630	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	938819	20.00	ng		0.00
76) Chrysene-d12	14.03	240	737059	20.00	ng		0.00
87) Perylene-d12	15.50	264	651885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2353847	123.88	ng		0.02
7) Phenol-d6	6.52	99	2963748	124.67	ng		0.00
23) Nitrobenzene-d5	7.43	82	1908458	104.06	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	793263	127.52	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3242352	82.44	ng		0.00
79) Terphenyl-d14	12.97	244	2779585	80.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	317105	35.584	ng		98
3) Pyridine	3.44	79	895188	40.108	ng		99
4) n-Nitrosodimethylamine	3.39	42	440935	48.657	ng		99
6) Aniline	6.53	93	935662	32.360	ng	#	27
8) 2-Chlorophenol	6.66	128	960232	43.513	ng		99
9) Benzaldehyde	6.41	77	273980	17.268	ng		98
10) Phenol	6.53	94	1139559	43.861	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	891756	43.167	ng		97
12) 1,3-Dichlorobenzene	6.81	146	1050607	41.717	ng		98
13) 1,4-Dichlorobenzene	6.88	146	1058241	41.080	ng		99
14) 1,2-Dichlorobenzene	7.04	146	981610	41.368	ng		99
15) Benzyl Alcohol	7.01	79	789436	44.571	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1247946	41.891	ng		91
17) 2-Methylphenol	7.13	107	758121	45.745	ng		97
18) Hexachloroethane	7.37	117	344339	40.049	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	625868	43.215	ng		99
20) 3+4-Methylphenols	7.28	107	917183	45.645	ng	#	77
22) Acetophenone	7.27	105	1226320	41.776	ng	#	98
24) Nitrobenzene	7.45	77	969493	49.879	ng		100
25) Isophorone	7.69	82	1741532	49.162	ng		97
26) 2-Nitrophenol	7.76	139	488904	48.857	ng		98
27) 2,4-Dimethylphenol	7.80	122	844215	51.341	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1119971	46.091	ng		99
29) 2,4-Dichlorophenol	8.01	162	825873	45.977	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	887189	42.560	ng		99
31) Naphthalene	8.17	128	2609426	45.278	ng		99
32) Benzoic acid	7.93	122	258428	37.939	ng		95
33) 4-Chloroaniline	8.22	127	584240	22.557	ng		99
34) Hexachlorobutadiene	8.29	225	475287	40.970	ng		100
35) Caprolactam	8.59	113	259748m	41.316	ng		
36) 4-Chloro-3-methylphenol	8.72	107	798221	45.498	ng		96
37) 2-Methylnaphthalene	8.86	142	1817854	46.452	ng		98
38) 1-Methylnaphthalene	8.96	142	1693122	45.018	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	839265	45.326	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	245922	37.834	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	567858	51.265	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	591118	50.105	ng		98
46) 1,1'-Biphenyl	9.33	154	2114690	43.859	ng		98
47) 2-Chloronaphthalene	9.35	162	1652674	43.789	ng		97
48) 2-Nitroaniline	9.45	65	470520	55.348	ng		92
49) Acenaphthylene	9.77	152	2512866	45.625	ng		99
50) Dimethylphthalate	9.63	163	2290814	54.475	ng		99
51) 2,6-Dinitrotoluene	9.69	165	438006	52.155	ng		91
52) Acenaphthene	9.94	154	1463823	43.440	ng		99
53) 3-Nitroaniline	9.86	138	322331	34.323	ng	#	98
54) 2,4-Dinitrophenol	9.96	184	100549	49.240	ng		96
55) Dibenzofuran	10.11	168	2179000	42.758	ng		97
56) 4-Nitrophenol	10.04	139	587020	86.930	ng		96
57) 2,4-Dinitrotoluene	10.09	165	535387	49.504	ng		92
58) Fluorene	10.45	166	1653911	43.438	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	437426	49.135	ng		99
60) Diethylphthalate	10.32	149	1850101	45.071	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	855410	41.634	ng		98
62) 4-Nitroaniline	10.47	138	397104	42.584	ng		95
63) Azobenzene	10.60	77	1620778	41.231	ng		94
65) 4,6-Dinitro-2-methylphenol	10.50	198	98581	29.964	ng		95
66) n-Nitrosodiphenylamine	10.56	169	1536292	49.499	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	514477	47.179	ng		98
68) Hexachlorobenzene	11.00	284	520528	44.312	ng		98
69) Atrazine	11.09	200	485752	48.502	ng		98
70) Pentachlorophenol	11.20	266	455488	80.598	ng		99
71) Phenanthrene	11.42	178	2184860	46.244	ng		99
72) Anthracene	11.47	178	2228572	46.563	ng		99
73) Carbazole	11.62	167	2006543	41.851	ng		99
74) Di-n-butylphthalate	11.94	149	2502892	46.409	ng		100
75) Fluoranthene	12.60	202	2137169	42.842	ng		99
77) Benzidine	12.72	184	999846	40.657	ng		95
78) Pyrene	12.83	202	2166419	44.551	ng		99
80) Butylbenzylphthalate	13.44	149	1001479	46.944	ng		93
81) Benzo(a)anthracene	14.02	228	1980769	46.870	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	732413	46.277	ng		98
83) Chrysene	14.06	228	1845117	46.141	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1427537	46.690	ng		98
85) Di-n-octyl phthalate	14.61	149	2351375	49.915	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1582798	42.903	ng		100
88) Benzo(b)fluoranthene	15.07	252	1737535	46.956	ng		99
89) Benzo(k)fluoranthene	15.10	252	1737738	48.520	ng		100
90) Benzo(a)pyrene	15.44	252	1631763	48.085	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	1327464	44.043	ng		98
92) Benzo(g,h,i)perylene	17.44	276	1273679	42.895	ng		99

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

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