Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115266.D
Acq On : 28 Jun 2019 8:11
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:26 PM

Quant Time: Jun 29 04:00:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	214604	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	880271	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	427149	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	830398	20.00	ng		0.00
76) Chrysene-d12	13.72	240	599209	20.00	ng		0.00
87) Perylene-d12	15.08	264	741585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1045590	75.19	ng		0.00
7) Phenol-d6	6.24	99	1259909	74.64	ng		0.00
23) Nitrobenzene-d5	7.17	82	1102109	77.02	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	384504	85.36	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2032408	80.82	ng		0.00
79) Terphenyl-d14	12.68	244	2304907	81.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	239608	36.508	ng		99
3) Pyridine	2.80	79	673231	36.394	ng		99
4) n-Nitrosodimethylamine	2.74	42	249425	34.394	ng		96
6) Aniline	6.26	93	841248	36.263	ng	#	76
8) 2-Chlorophenol	6.38	128	607762	38.866	ng		99
9) Benzaldehyde	6.14	77	398464	36.184	ng		99
10) Phenol	6.25	94	713199	36.071	ng		88
11) bis(2-Chloroethyl)ether	6.34	93	554999	38.080	ng		99
12) 1,3-Dichlorobenzene	6.54	146	670708	38.647	ng		99
13) 1,4-Dichlorobenzene	6.62	146	676251	38.859	ng		99
14) 1,2-Dichlorobenzene	6.77	146	634581	39.376	ng		100
15) Benzyl Alcohol	6.75	79	457897	37.255	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	790611	37.401	ng		98
17) 2-Methylphenol	6.87	107	475016	36.802	ng		99
18) Hexachloroethane	7.11	117	243752	38.851	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	383689	35.506	ng		99
20) 3+4-Methylphenols	7.02	107	574067	38.518	ng		96
22) Acetophenone	7.01	105	757551	37.591	ng		97
24) Nitrobenzene	7.18	77	604514	38.346	ng		100
25) Isophorone	7.43	82	1075230	36.680	ng		99
26) 2-Nitrophenol	7.50	139	329666	42.344	ng		99
27) 2,4-Dimethylphenol	7.55	122	471041	36.953	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	708948	38.264	ng		99
29) 2,4-Dichlorophenol	7.74	162	514408	39.105	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	574556	39.542	ng		99
31) Naphthalene	7.91	128	1689055	39.089	ng		100
32) Benzoic acid	7.67	122	314057m	34.516	ng		
33) 4-Chloroaniline	7.95	127	754457	38.204	ng		100
34) Hexachlorobutadiene	8.03	225	322427	40.492	ng		98
35) Caprolactam	8.32	113	161074	36.420	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	506777	38.040	ng		97
37) 2-Methylnaphthalene	8.60	142	1124859	38.609	ng		98
38) 1-Methylnaphthalene	8.70	142	1082057	38.887	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	498338	41.286	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	268524	37.517	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	370177	39.724	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	388992	40.534	ng	96
46) 1,1'-Biphenyl	9.06	154	1317346	38.544	ng	98
47) 2-Chloronaphthalene	9.08	162	1100223	39.685	ng	97
48) 2-Nitroaniline	9.17	65	317707	39.308	ng	97
49) Acenaphthylene	9.49	152	1696725	39.281	ng	99
50) Dimethylphthalate	9.37	163	1240325	39.468	ng	99
51) 2,6-Dinitrotoluene	9.42	165	287921	39.684	ng	94
52) Acenaphthene	9.67	154	1066012	39.440	ng	99
53) 3-Nitroaniline	9.58	138	343801	38.830	ng	96
54) 2,4-Dinitrophenol	9.69	184	144910	42.595	ng	96
55) Dibenzofuran	9.84	168	1473691	37.988	ng	99
56) 4-Nitrophenol	9.74	139	265563	37.413	ng	99
57) 2,4-Dinitrotoluene	9.82	165	380374	40.603	ng	99
58) Fluorene	10.18	166	1044865	39.674	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	326918	40.626	ng	97
60) Diethylphthalate	10.06	149	1229561	38.923	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	516923	41.601	ng	99
62) 4-Nitroaniline	10.19	138	345629	38.913	ng	99
63) Azobenzene	10.33	77	1124823	38.122	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	185370	42.579	ng	89
66) n-Nitrosodiphenylamine	10.29	169	999118	38.619	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	368321	40.910	ng	99
68) Hexachlorobenzene	10.72	284	397866	40.713	ng	98
69) Atrazine	10.82	200	331196	39.797	ng	99
70) Pentachlorophenol	10.91	266	252524	40.561	ng	99
71) Phenanthrene	11.13	178	1696224	37.938	ng	99
72) Anthracene	11.18	178	1708177	37.849	ng	99
73) Carbazole	11.33	167	1565318	38.841	ng	99
74) Di-n-butylphthalate	11.68	149	1914244	41.105	ng	99
75) Fluoranthene	12.31	202	1736002	38.916	ng	98
77) Benzidine	12.43	184	957142	35.973	ng	99
78) Pyrene	12.53	202	1793622	38.950	ng	99
80) Butylbenzylphthalate	13.17	149	847779	41.717	ng	92
81) Benzo(a)anthracene	13.71	228	1705053	39.657	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	637963	41.089	ng	99
83) Chrysene	13.75	228	1617467	41.069	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1147928	43.109	ng	100
85) Di-n-octyl phthalate	14.34	149	1962755	43.870	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2008045	43.088	ng	98
88) Benzo(b)fluoranthene	14.71	252	1680910	36.326	ng	98
89) Benzo(k)fluoranthene	14.74	252	1642241	39.575	ng	99
90) Benzo(a)pyrene	15.04	252	1610122	38.606	ng	97
91) Dibenzo(a,h)anthracene	16.38	278	1595731	40.984	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1649493	41.858	ng	99

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

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