Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113729.D
Acq On : 11 Apr 2019 19:29
Operator : JU/SJ
Sample : K2343-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-SMS

Manual Integrations APPROVED
Sohil
4/12/2019 2:29:05 PM

Quant Time: Apr 12 06:03:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113228	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	424438	20.00	ng		-0.02
39) Acenaphthene-d10	9.70	164	203625	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	405979	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	303850	20.00	ng		-0.02
87) Perylene-d12	15.23	264	298139	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	744602	112.14	ng		0.00
7) Phenol-d6	6.33	99	953335	116.49	ng		0.00
23) Nitrobenzene-d5	7.24	82	565391	78.03	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	275330	112.56	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1055041	83.41	ng		-0.02
79) Terphenyl-d14	12.76	244	1172223	78.55	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	97321	30.946	ng		99
3) Pyridine	3.08	79	194971	23.690	ng		98
4) n-Nitrosodimethylamine	2.98	42	115214	32.948	ng		97
6) Aniline	6.37	93	75356	7.596	ng	#	78
8) 2-Chlorophenol	6.46	128	269490	35.079	ng		99
9) Benzaldehyde	6.23	77	106594	21.905	ng		99
10) Phenol	6.35	94	320855	34.328	ng	#	67
11) bis(2-Chloroethyl)ether	6.41	93	285500	39.267	ng		97
12) 1,3-Dichlorobenzene	6.61	146	289509	34.993	ng		98
13) 1,4-Dichlorobenzene	6.69	146	298336	35.684	ng		98
14) 1,2-Dichlorobenzene	6.84	146	274006	36.309	ng		99
15) Benzyl Alcohol	6.83	79	142771	25.801	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	391141	34.562	ng	#	45
17) 2-Methylphenol	6.95	107	211042	35.448	ng	#	91
18) Hexachloroethane	7.18	117	103378	33.971	ng		95
19) n-Nitroso-di-n-propylamine	7.09	70	183822	36.425	ng		97
20) 3+4-Methylphenols	7.12	107	289147	40.083	ng		91
22) Acetophenone	7.09	105	364315	39.081	ng		97
24) Nitrobenzene	7.26	77	269561	36.123	ng		95
25) Isophorone	7.50	82	493196	35.333	ng		98
26) 2-Nitrophenol	7.58	139	143136	35.640	ng		93
27) 2,4-Dimethylphenol	7.63	122	236311	41.158	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	322385	36.531	ng		99
29) 2,4-Dichlorophenol	7.85	162	234463	38.167	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	246162	36.899	ng		99
31) Naphthalene	7.97	128	790969	38.462	ng		99
32) Benzoic acid	7.76	122	10212	2.297	ng	#	73
33) 4-Chloroaniline	8.09	127	36500m	4.476	ng		
34) Hexachlorobutadiene	8.09	225	145064	35.667	ng		99
35) Caprolactam	8.40	113	66187	33.941	ng		94
36) 4-Chloro-3-methylphenol	8.55	107	227029	36.815	ng		100
37) 2-Methylnaphthalene	8.67	142	522884	38.659	ng		99
38) 1-Methylnaphthalene	8.76	142	500538	38.379	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	252146	38.289	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	104550	51.168	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	154750	37.227	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	149491	33.497	ng		99
46) 1,1'-Biphenyl	9.13	154	652064	38.807	ng		99
47) 2-Chloronaphthalene	9.16	162	487705	38.335	ng		97
48) 2-Nitroaniline	9.26	65	145683	37.423	ng		100
49) Acenaphthylene	9.57	152	776556	37.537	ng		99
50) Dimethylphthalate	9.43	163	655775	43.689	ng		99
51) 2,6-Dinitrotoluene	9.50	165	124241	37.551	ng		87
52) Acenaphthene	9.74	154	457938	38.670	ng		99
53) 3-Nitroaniline	9.68	138	85055	22.611	ng		93
54) 2,4-Dinitrophenol	9.82	184	13306	8.596	ng		93
55) Dibenzofuran	9.91	168	686498	39.519	ng		99
56) 4-Nitrophenol	9.88	139	55626m	23.838	ng		
57) 2,4-Dinitrotoluene	9.92	165	155353	38.824	ng		98
58) Fluorene	10.25	166	540897	39.369	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	138659	35.895	ng		97
60) Diethylphthalate	10.13	149	549834	37.994	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	269210	39.836	ng		92
62) 4-Nitroaniline	10.29	138	112273	29.351	ng		97
63) Azobenzene	10.40	77	506344	36.953	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	37493	17.542	ng		89
66) n-Nitrosodiphenylamine	10.36	169	479709	38.490	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	169634	37.256	ng		99
68) Hexachlorobenzene	10.80	284	196627	37.688	ng	#	94
69) Atrazine	10.90	200	138598	35.281	ng		97
70) Pentachlorophenol	11.01	266	81610	33.196	ng		98
71) Phenanthrene	11.21	178	822060	40.750	ng		99
72) Anthracene	11.26	178	837590	40.809	ng		99
73) Carbazole	11.43	167	759350	39.556	ng		99
74) Di-n-butylphthalate	11.74	149	879078	38.495	ng		100
75) Fluoranthene	12.40	202	950043	43.948	ng		99
77) Benzidine	12.54	184	147027	13.012	ng		95
78) Pyrene	12.62	202	938599	40.598	ng		100
80) Butylbenzylphthalate	13.24	149	355797	37.806	ng		94
81) Benzo(a)anthracene	13.81	228	685187	39.092	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	229840	34.045	ng		98
83) Chrysene	13.84	228	692619	38.981	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	468534	41.177	ng	#	98
85) Di-n-octyl phthalate	14.40	149	763163	41.262	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	803250	48.964	ng		99
88) Benzo(b)fluoranthene	14.83	252	707436	38.764	ng		99
89) Benzo(k)fluoranthene	14.86	252	599664	36.612	ng		99
90) Benzo(a)pyrene	15.17	252	661724	40.805	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	657459	43.353	ng		100
92) Benzo(g,h,i)perylene	16.99	276	708635	45.781	ng		98

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

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