Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115759.D
Acq On : 25 Jul 2019 15:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/26/2019 3:23:04 PM

Quant Time: Jul 26 06:43:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156958	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	674445	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	345720	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	683125	20.00	ng	0.00
76) Chrysene-d12	14.04	240	485001	20.00	ng	0.00
87) Perylene-d12	15.50	264	465441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	753749	78.55	ng	0.00
7) Phenol-d6	6.50	99	963573	79.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	893493	77.03	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	303232	75.14	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1559652	78.96	ng	0.00
79) Terphenyl-d14	12.98	244	1829848	69.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	180124	37.632	ng	100
3) Pyridine	3.40	79	484720	37.325	ng	99
4) n-Nitrosodimethylamine	3.35	42	194069	41.194	ng	97
6) Aniline	6.53	93	669302	39.500	ng	100
8) 2-Chlorophenol	6.66	128	439889	39.872	ng	99
9) Benzaldehyde	6.42	77	302898	39.809	ng	98
10) Phenol	6.52	94	568287	40.206	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	421976	39.212	ng	98
12) 1,3-Dichlorobenzene	6.82	146	482771	38.921	ng	100
13) 1,4-Dichlorobenzene	6.89	146	486016	39.271	ng	99
14) 1,2-Dichlorobenzene	7.05	146	453424	40.079	ng	100
15) Benzyl Alcohol	7.02	79	378814	39.219	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	584028	41.223	ng	100
17) 2-Methylphenol	7.13	107	368203	38.727	ng	99
18) Hexachloroethane	7.39	117	179611	39.100	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	306787	38.634	ng	99
20) 3+4-Methylphenols	7.28	107	438001	38.784	ng	97
22) Acetophenone	7.28	105	575158	37.748	ng	99
24) Nitrobenzene	7.45	77	489625	39.137	ng	94
25) Isophorone	7.69	82	876833	37.779	ng	99
26) 2-Nitrophenol	7.77	139	245182	38.075	ng	98
27) 2,4-Dimethylphenol	7.80	122	345084	35.816	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	557184	39.132	ng	99
29) 2,4-Dichlorophenol	8.02	162	384977	38.420	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	427118	37.709	ng	99
31) Naphthalene	8.17	128	1269168	38.856	ng	99
32) Benzoic acid	7.94	122	272150m	34.419	ng	
33) 4-Chloroaniline	8.22	127	562948	38.909	ng	100
34) Hexachlorobutadiene	8.30	225	247618	38.122	ng	98
35) Caprolactam	8.60	113	123753	39.967	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	405962	39.057	ng	98
37) 2-Methylnaphthalene	8.87	142	854314	39.457	ng	100
38) 1-Methylnaphthalene	8.97	142	800902	38.944	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	388662	37.332	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	245397	41.321	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	271099	35.608	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	281836	36.147	ng		99
46) 1,1'-Biphenyl	9.33	154	1013386	37.494	ng		100
47) 2-Chloronaphthalene	9.36	162	849553	37.750	ng		99
48) 2-Nitroaniline	9.45	65	275852	39.602	ng		100
49) Acenaphthylene	9.77	152	1274840	38.230	ng		100
50) Dimethylphthalate	9.63	163	1010227	38.839	ng		100
51) 2,6-Dinitrotoluene	9.69	165	225567	38.160	ng		99
52) Acenaphthene	9.95	154	769624	35.748	ng		98
53) 3-Nitroaniline	9.86	138	262936	38.925	ng		99
54) 2,4-Dinitrophenol	9.97	184	105895	34.893	ng		95
55) Dibenzofuran	10.12	168	1150190	37.620	ng		100
56) 4-Nitrophenol	10.02	139	179565	34.860	ng		98
57) 2,4-Dinitrotoluene	10.10	165	302188	39.459	ng		99
58) Fluorene	10.46	166	868060	39.715	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	247664	37.998	ng		100
60) Diethylphthalate	10.33	149	970886	39.838	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	447118	36.888	ng		98
62) 4-Nitroaniline	10.47	138	267613	41.301	ng		100
63) Azobenzene	10.61	77	973648	41.188	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	144596	34.645	ng		97
66) n-Nitrosodiphenylamine	10.57	169	792848	37.311	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	287802	36.867	ng		100
68) Hexachlorobenzene	11.01	284	322278	36.150	ng	#	88
69) Atrazine	11.09	200	240345	34.478	ng		99
70) Pentachlorophenol	11.20	266	196284	35.998	ng		98
71) Phenanthrene	11.42	178	1328785	37.948	ng		100
72) Anthracene	11.47	178	1349793	37.299	ng		99
73) Carbazole	11.62	167	1251798	39.446	ng		100
74) Di-n-butylphthalate	11.95	149	1568946	40.137	ng		100
75) Fluoranthene	12.61	202	1426041	38.539	ng		99
77) Benzidine	12.72	184	711812	41.430	ng		100
78) Pyrene	12.84	202	1453007	35.361	ng		100
80) Butylbenzylphthalate	13.45	149	678095	38.711	ng		100
81) Benzo(a)anthracene	14.03	228	1255941	39.307	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	452554	39.842	ng		99
83) Chrysene	14.06	228	1213548	37.834	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	918474	42.330	ng		99
85) Di-n-octyl phthalate	14.62	149	1444185	41.832	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1014185	37.217	ng		100
88) Benzo(b)fluoranthene	15.07	252	1146704	38.261	ng		98
89) Benzo(k)fluoranthene	15.10	252	970376	36.316	ng		99
90) Benzo(a)pyrene	15.44	252	958307	37.202	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	852518	37.698	ng		98
92) Benzo(g,h,i)perylene	17.43	276	773962	34.316	ng		97

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

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