Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114949.D
Acq On : 11 Jun 2019 17:58
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/12/2019 9:04:05 AM

Quant Time: Jun 12 04:40:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	301057	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1227868	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	601652	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1164837	20.00	ng		0.00
76) Chrysene-d12	13.80	240	704333	20.00	ng		0.00
87) Perylene-d12	15.17	264	780588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1517874	85.33	ng		0.00
7) Phenol-d6	6.32	99	1829172	85.25	ng		0.00
23) Nitrobenzene-d5	7.23	82	1709930	85.56	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	546652	83.52	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2950064	77.82	ng		0.00
79) Terphenyl-d14	12.75	244	2923253	82.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	358466	42.466	ng		99
3) Pyridine	2.98	79	1020936	43.449	ng		100
4) n-Nitrosodimethylamine	2.93	42	365828	43.345	ng		98
6) Aniline	6.33	93	1197503	41.202	ng	#	69
8) 2-Chlorophenol	6.45	128	879806	43.336	ng		97
9) Benzaldehyde	6.20	77	541157	39.406	ng		99
10) Phenol	6.33	94	994491	41.566	ng		99
11) bis(2-Chloroethyl)ether	6.40	93	820597	43.034	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1008866	42.817	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1015390	42.974	ng		99
14) 1,2-Dichlorobenzene	6.83	146	922898	43.034	ng		99
15) Benzyl Alcohol	6.82	79	660653	42.671	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1095241	41.764	ng		99
17) 2-Methylphenol	6.93	107	732588	43.096	ng		99
18) Hexachloroethane	7.17	117	372964	42.832	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	559994	41.737	ng		99
20) 3+4-Methylphenols	7.09	107	826679m	43.433	ng		
22) Acetophenone	7.08	105	1176449	42.803	ng	#	98
24) Nitrobenzene	7.25	77	894773	43.041	ng		96
25) Isophorone	7.49	82	1609852	41.138	ng		98
26) 2-Nitrophenol	7.56	139	509479	44.112	ng		96
27) 2,4-Dimethylphenol	7.62	122	713299	42.205	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1049140	41.909	ng		100
29) 2,4-Dichlorophenol	7.81	162	766947	43.333	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	867525	42.710	ng		98
31) Naphthalene	7.97	128	2435482	43.047	ng		100
32) Benzoic acid	7.76	122	533554	42.264	ng		98
33) 4-Chloroaniline	8.02	127	1158549	43.393	ng		98
34) Hexachlorobutadiene	8.09	225	480700	42.194	ng		99
35) Caprolactam	8.41	113	254773	42.733	ng		95
36) 4-Chloro-3-methylphenol	8.51	107	767514	42.695	ng		99
37) 2-Methylnaphthalene	8.66	142	1633801	42.495	ng		99
38) 1-Methylnaphthalene	8.76	142	1539430	42.336	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	750048	43.360	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	392989	39.967 ng	100
43) 2,4,6-Trichlorophenol	8.94	196	565486	43.051 ng	99
44) 2,4,5-Trichlorophenol	8.98	196	583697	43.097 ng	99
46) 1,1'-Biphenyl	9.12	154	1932382	42.931 ng	99
47) 2-Chloronaphthalene	9.15	162	1639767	43.155 ng	99
48) 2-Nitroaniline	9.24	65	501971	43.400 ng	94
49) Acenaphthylene	9.56	152	2398752	42.840 ng	100
50) Dimethylphthalate	9.43	163	1924659	42.562 ng	100
51) 2,6-Dinitrotoluene	9.49	165	442500	42.604 ng	93
52) Acenaphthene	9.73	154	1429055	42.127 ng	99
53) 3-Nitroaniline	9.65	138	539592	43.264 ng	99
54) 2,4-Dinitrophenol	9.76	184	214806	41.787 ng	98
55) Dibenzofuran	9.90	168	2079381	42.941 ng	100
56) 4-Nitrophenol	9.82	139	374591	42.142 ng	95
57) 2,4-Dinitrotoluene	9.89	165	571161	43.506 ng	100
58) Fluorene	10.24	166	1522926	40.799 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	464723	42.444 ng	99
60) Diethylphthalate	10.12	149	1857209	42.257 ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	755745	40.442 ng	96
62) 4-Nitroaniline	10.26	138	560527	43.854 ng	99
63) Azobenzene	10.39	77	1612596	42.155 ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	286407	43.844 ng	98
66) n-Nitrosodiphenylamine	10.36	169	1487954	42.996 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	532867	42.233 ng	95
68) Hexachlorobenzene	10.79	284	589257	42.292 ng	96
69) Atrazine	10.89	200	473941	40.644 ng	97
70) Pentachlorophenol	10.98	266	333618	42.700 ng	99
71) Phenanthrene	11.19	178	2435418	43.094 ng	99
72) Anthracene	11.25	178	2446944	42.658 ng	100
73) Carbazole	11.40	167	2279690	43.652 ng	99
74) Di-n-butylphthalate	11.74	149	2771336	42.938 ng	100
75) Fluoranthene	12.37	202	2500416	42.775 ng	99
77) Benzidine	12.49	184	1205915	39.123 ng	99
78) Pyrene	12.60	202	2551556	41.596 ng	99
80) Butylbenzylphthalate	13.22	149	1261312	41.737 ng	97
81) Benzo(a)anthracene	13.78	228	2093506	40.199 ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	911318	42.869 ng	96
83) Chrysene	13.82	228	2176881	41.625 ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1449487	40.955 ng	100
85) Di-n-octyl phthalate	14.40	149	2680442	41.459 ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	1931415	39.284 ng	99
88) Benzo(b)fluoranthene	14.79	252	2172763	42.755 ng	99
89) Benzo(k)fluoranthene	14.82	252	1833289	41.568 ng	98
90) Benzo(a)pyrene	15.12	252	1842988	41.753 ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1554207	41.685 ng	100
92) Benzo(g,h,i)perylene	16.89	276	1558738	41.941 ng	98

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

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