Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118726.D
Acq On : 29 Jan 2020 12:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:07 AM

Quant Time: Jan 30 03:37:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	322085	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1170189	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	648624	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1183844	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	862408	20.00	ng		-0.01
87) Perylene-d12	15.47	264	852414	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1427088	82.29	ng		-0.01
7) Phenol-d6	6.48	99	1784594	79.17	ng		-0.01
23) Nitrobenzene-d5	7.42	82	1634143	78.11	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	646272	86.14	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3063067	77.62	ng		-0.01
79) Terphenyl-d14	12.96	244	3490653	88.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	318594	37.930	ng		99
3) Pyridine	3.36	79	896521	37.869	ng		99
4) n-Nitrosodimethylamine	3.30	42	329693	32.483	ng		99
6) Aniline	6.52	93	1168508	39.370	ng		99
8) 2-Chlorophenol	6.64	128	798689	41.032	ng		97
9) Benzaldehyde	6.40	77	513542	37.463	ng		98
10) Phenol	6.50	94	1002552	39.029	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	746145	39.151	ng		99
12) 1,3-Dichlorobenzene	6.79	146	947255	41.577	ng		98
13) 1,4-Dichlorobenzene	6.87	146	942917	41.229	ng		98
14) 1,2-Dichlorobenzene	7.03	146	866239	40.292	ng		97
15) Benzyl Alcohol	6.99	79	699445	39.130	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	919166	34.626	ng		99
17) 2-Methylphenol	7.10	107	656799	40.508	ng		99
18) Hexachloroethane	7.37	117	334736	40.364	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	529143	34.767	ng		98
20) 3+4-Methylphenols	7.26	107	779488	39.376	ng		91
22) Acetophenone	7.26	105	1059062	38.205	ng	#	97
24) Nitrobenzene	7.43	77	818171	38.194	ng		98
25) Isophorone	7.67	82	1440386	37.747	ng		99
26) 2-Nitrophenol	7.75	139	434573	47.572	ng		96
27) 2,4-Dimethylphenol	7.79	122	586236	37.164	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	944002	38.394	ng		99
29) 2,4-Dichlorophenol	7.99	162	715973	41.058	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	827781	40.941	ng		99
31) Naphthalene	8.16	128	2231981	42.223	ng		99
32) Benzoic acid	7.91	122	468511m	39.574	ng		
33) 4-Chloroaniline	8.20	127	997030	40.807	ng		99
34) Hexachlorobutadiene	8.28	225	497990	40.444	ng		99
35) Caprolactam	8.57	113	224306	39.306	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	703743	40.868	ng		100
37) 2-Methylnaphthalene	8.85	142	1532696	41.077	ng		99
38) 1-Methylnaphthalene	8.95	142	1445877	40.788	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	823415	40.572	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	392912	38.372	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	550453	40.873	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	564212	41.021	ng		99
46) 1,1'-Biphenyl	9.31	154	1879706	42.049	ng		98
47) 2-Chloronaphthalene	9.34	162	1573561	41.762	ng		99
48) 2-Nitroaniline	9.43	65	449704	38.826	ng		95
49) Acenaphthylene	9.75	152	2296236	43.319	ng		99
50) Dimethylphthalate	9.61	163	1806037	42.738	ng		99
51) 2,6-Dinitrotoluene	9.67	165	415649	43.924	ng		96
52) Acenaphthene	9.93	154	1478548	41.715	ng		99
53) 3-Nitroaniline	9.84	138	466844	43.205	ng		96
54) 2,4-Dinitrophenol	9.94	184	183987	48.702	ng	#	86
55) Dibenzofuran	10.09	168	2064116	42.022	ng		99
56) 4-Nitrophenol	9.99	139	335559	41.137	ng		98
57) 2,4-Dinitrotoluene	10.07	165	554161	46.454	ng		94
58) Fluorene	10.44	166	1547222	40.124	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	486799	40.239	ng		99
60) Diethylphthalate	10.31	149	1717907	41.928	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	844218	40.254	ng		96
62) 4-Nitroaniline	10.45	138	462560	41.733	ng		98
63) Azobenzene	10.59	77	1510617	38.069	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	266141	51.125	ng		89
66) n-Nitrosodiphenylamine	10.55	169	1466293	41.070	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	599245	40.971	ng		96
68) Hexachlorobenzene	10.99	284	682125	41.136	ng		95
69) Atrazine	11.07	200	488517	39.478	ng		100
70) Pentachlorophenol	11.17	266	369981	40.131	ng		98
71) Phenanthrene	11.40	178	2388537	41.821	ng		100
72) Anthracene	11.45	178	2397577	42.425	ng		100
73) Carbazole	11.60	167	2143407	41.349	ng		99
74) Di-n-butylphthalate	11.93	149	2513591	43.645	ng		100
75) Fluoranthene	12.59	202	2514688	41.745	ng		99
77) Benzidine	12.70	184	1111937	48.255	ng		99
78) Pyrene	12.82	202	2537094	43.332	ng		100
80) Butylbenzylphthalate	13.43	149	1081650	45.140	ng		95
81) Benzo(a)anthracene	14.00	228	2148280	41.410	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	867899	46.949	ng		100
83) Chrysene	14.04	228	2133163	42.903	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1339698	45.762	ng		99
85) Di-n-octyl phthalate	14.60	149	2207958	50.954	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2068888m	47.889	ng		
88) Benzo(b)fluoranthene	15.04	252	2120826	39.582	ng		99
89) Benzo(k)fluoranthene	15.07	252	2006387	40.419	ng		99
90) Benzo(a)pyrene	15.41	252	1875719	40.582	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1712967	41.898	ng		99
92) Benzo(g,h,i)perylene	17.37	276	1675792	42.215	ng		99

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

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