Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120404.D
Acq On : 28 May 2020 13:15
Operator : MA/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF052820

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:54 PM

Quant Time: May 28 13:55:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	267471	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1015892	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	537391	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1014826	20.00	ng		0.00
76) Chrysene-d12	14.00	240	734960	20.00	ng		0.00
86) Perylene-d12	15.44	264	680872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1060960	75.59	ng		0.00
7) Phenol-d6	6.46	99	1341329	77.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	1209155	77.86	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	388938	78.11	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2193374	69.25	ng		0.00
79) Terphenyl-d14	12.94	244	2435405	73.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	265292	38.159	ng		100
3) Pyridine	3.33	79	606765	31.512	ng		98
4) n-Nitrosodimethylamine	3.29	42	310150	38.062	ng		97
6) Aniline	6.50	93	950599	39.410	ng		100
8) 2-Chlorophenol	6.63	128	609701	38.527	ng		99
9) Benzaldehyde	6.39	77	495218	46.970	ng		99
10) Phenol	6.48	94	725057m	38.327	ng		
11) bis(2-Chloroethyl)ether	6.57	93	594877	37.631	ng		96
12) 1,3-Dichlorobenzene	6.78	146	652784	37.546	ng		99
13) 1,4-Dichlorobenzene	6.86	146	652955	37.642	ng		99
14) 1,2-Dichlorobenzene	7.01	146	609651	38.051	ng		96
15) Benzyl Alcohol	6.98	79	504547	38.691	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	910741	36.544	ng		99
17) 2-Methylphenol	7.09	107	501890	35.466	ng		99
18) Hexachloroethane	7.36	117	242006	38.113	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	411499	37.421	ng		99
20) 3+4-Methylphenols	7.24	107	582356	32.575	ng	#	87
22) Acetophenone	7.25	105	806331	39.081	ng		98
24) Nitrobenzene	7.42	77	639860	38.247	ng		99
25) Isophorone	7.66	82	1163791	37.284	ng		100
26) 2-Nitrophenol	7.74	139	305336	40.480	ng		98
27) 2,4-Dimethylphenol	7.77	122	530484	40.498	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	720966	38.355	ng		100
29) 2,4-Dichlorophenol	7.97	162	506236	38.262	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	556330	37.469	ng		98
31) Naphthalene	8.15	128	1697533	38.048	ng		100
32) Benzoic acid	7.89	122	362785m	37.322	ng		
33) 4-Chloroaniline	8.19	127	737589	37.302	ng		99
34) Hexachlorobutadiene	8.26	225	320727	36.442	ng		98
35) Caprolactam	8.56	113	165664	38.663	ng		96
36) 4-Chloro-3-methylphenol	8.67	107	517036	38.518	ng		99
37) 2-Methylnaphthalene	8.83	142	1155599	39.104	ng		99
38) 1-Methylnaphthalene	8.93	142	1088147	39.009	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	554406	40.229	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	329138	42.793	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	378067	37.932	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	392602	34.750	ng	99
46) 1,1'-Biphenyl	9.30	154	1440794	40.813	ng	99
47) 2-Chloronaphthalene	9.32	162	1083587	37.276	ng	97
48) 2-Nitroaniline	9.42	65	335632	37.907	ng	98
49) Acenaphthylene	9.74	152	1739410	38.721	ng	100
50) Dimethylphthalate	9.60	163	1248105	37.150	ng	99
51) 2,6-Dinitrotoluene	9.66	165	284949	38.165	ng	97
52) Acenaphthene	9.91	154	1041766	37.158	ng	100
53) 3-Nitroaniline	9.83	138	315142	35.945	ng	97
54) 2,4-Dinitrophenol	9.93	184	94701	36.110	ng	98
55) Dibenzofuran	10.08	168	1541035	37.824	ng	100
56) 4-Nitrophenol	9.97	139	255602	38.080	ng	99
57) 2,4-Dinitrotoluene	10.06	165	373158	39.052	ng	99
58) Fluorene	10.43	166	1101883	36.040	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	334547	38.000	ng	97
60) Diethylphthalate	10.30	149	1272161	37.472	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	557653	33.642	ng	100
62) 4-Nitroaniline	10.44	138	306971	37.087	ng	100
63) Azobenzene	10.58	77	1205171	37.740	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	150101	40.551	ng	99
66) n-Nitrosodiphenylamine	10.53	169	1074149	38.104	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	375566	36.663	ng	99
68) Hexachlorobenzene	10.97	284	410763	37.653	ng	99
69) Atrazine	11.06	200	327142	41.173	ng	98
70) Pentachlorophenol	11.16	266	257884	38.664	ng	98
71) Phenanthrene	11.39	178	1701517	38.051	ng	99
72) Anthracene	11.44	178	1764677	39.332	ng	100
73) Carbazole	11.59	167	1625872	37.467	ng	99
74) Di-n-butylphthalate	11.93	149	1928433	38.202	ng	100
75) Fluoranthene	12.57	202	1869736	38.859	ng	99
77) Benzidine	12.69	184	902745	46.748	ng	98
78) Pyrene	12.80	202	1907837	37.326	ng	100
80) Butylbenzylphthalate	13.42	149	800534	37.517	ng	99
81) Benzo(a)anthracene	13.99	228	1488803	37.797	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	597061	41.751	ng	98
83) Chrysene	14.02	228	1551517	37.571	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	953104	38.051	ng	100
85) Di-n-octyl phthalate	14.59	149	1671857	38.574	ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1304760	35.037	ng	100
88) Benzo(b)fluoranthene	15.02	252	1436296	37.979	ng	98
89) Benzo(k)fluoranthene	15.06	252	1308368	37.059	ng	100
90) Benzo(a)pyrene	15.38	252	1203613	36.386	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	1086196	35.776	ng	99
92) Benzo(g,h,i)perylene	17.32	276	1059418	35.379	ng	98

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

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