Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118559.D
Acq On : 17 Jan 2020 15:34
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF011720

Quant Time: Jan 17 16:07:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	386866	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1410994	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	791473	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	1441973	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1056533	20.00	ng		0.00
87) Perylene-d12	15.53	264	908031	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1699361	81.16	ng		0.00
7) Phenol-d6	6.51	99	2232465	81.37	ng		0.00
23) Nitrobenzene-d5	7.45	82	2011177	88.03	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	748801	85.58	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3773637	86.07	ng		0.00
79) Terphenyl-d14	13.00	244	4373094	81.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	418764	41.625	ng		100
3) Pyridine	3.44	79	995547	35.831	ng		99
4) n-Nitrosodimethylamine	3.37	42	509629	39.991	ng		98
6) Aniline	6.55	93	1555536	43.319	ng		100
8) 2-Chlorophenol	6.67	128	1011139	42.463	ng		99
9) Benzaldehyde	6.44	77	806188	57.405	ng		97
10) Phenol	6.53	94	1249667	41.518	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	977602	40.551	ng		96
12) 1,3-Dichlorobenzene	6.83	146	1120300	39.563	ng		100
13) 1,4-Dichlorobenzene	6.91	146	1144407	40.229	ng		98
14) 1,2-Dichlorobenzene	7.06	146	1074793	40.381	ng		99
15) Benzyl Alcohol	7.03	79	935049	41.530	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1363126	38.544	ng		100
17) 2-Methylphenol	7.13	107	824902	40.812	ng		99
18) Hexachloroethane	7.41	117	412110	39.753	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	790183	40.164	ng		99
20) 3+4-Methylphenols	7.29	107	1046426	43.293	ng		91
22) Acetophenone	7.30	105	1459571	42.627	ng	#	97
24) Nitrobenzene	7.47	77	1098464	45.213	ng		97
25) Isophorone	7.71	82	2013990	40.619	ng		98
26) 2-Nitrophenol	7.79	139	472766	45.407	ng		99
27) 2,4-Dimethylphenol	7.82	122	949973	48.174	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1242423	38.999	ng		100
29) 2,4-Dichlorophenol	8.03	162	894027	41.189	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	996479	39.394	ng		98
31) Naphthalene	8.20	128	2804429	42.145	ng		99
32) Benzoic acid	7.93	122	587290	44.215	ng		97
33) 4-Chloroaniline	8.24	127	1229276	39.759	ng		99
34) Hexachlorobutadiene	8.32	225	596141	37.783	ng		100
35) Caprolactam	8.61	113	271748	40.244	ng		99
36) 4-Chloro-3-methylphenol	8.72	107	891184	41.417	ng		99
37) 2-Methylnaphthalene	8.89	142	1992865	42.273	ng		99
38) 1-Methylnaphthalene	8.99	142	1862995	41.772	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1068427	41.853	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	655104	49.115	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	666478	40.976	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	716770	43.588	ng		99
46) 1,1'-Biphenyl	9.35	154	2479187	43.838	ng		100
47) 2-Chloronaphthalene	9.37	162	1918871	40.256	ng		97
48) 2-Nitroaniline	9.46	65	554809	44.751	ng		99
49) Acenaphthylene	9.79	152	2910782	43.249	ng		99
50) Dimethylphthalate	9.65	163	2175543	40.034	ng		99
51) 2,6-Dinitrotoluene	9.70	165	494623	47.705	ng		86
52) Acenaphthene	9.96	154	1867485	42.356	ng		100
53) 3-Nitroaniline	9.87	138	508315	43.277	ng	#	95
54) 2,4-Dinitrophenol	9.97	184	159785	41.933	ng	#	51
55) Dibenzofuran	10.13	168	2667841	42.758	ng		98
56) 4-Nitrophenol	10.02	139	406421	46.841	ng		94
57) 2,4-Dinitrotoluene	10.11	165	623243	45.856	ng		92
58) Fluorene	10.48	166	2071565	42.875	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	611006	43.432	ng		97
60) Diethylphthalate	10.35	149	2163161	40.774	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	1114139	42.150	ng		100
62) 4-Nitroaniline	10.49	138	525023	45.006	ng		96
63) Azobenzene	10.63	77	2173838	42.042	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	260563	45.129	ng		86
66) n-Nitrosodiphenylamine	10.59	169	1906525	41.148	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	743911	38.540	ng	#	92
68) Hexachlorobenzene	11.03	284	809822	37.860	ng		98
69) Atrazine	11.11	200	641361	47.968	ng		99
70) Pentachlorophenol	11.22	266	471171	44.821	ng		100
71) Phenanthrene	11.44	178	3029177	41.793	ng		99
72) Anthracene	11.49	178	3086482	42.681	ng		99
73) Carbazole	11.64	167	2724422	41.773	ng		99
74) Di-n-butylphthalate	11.97	149	3187023	39.322	ng		100
75) Fluoranthene	12.63	202	3139361	40.276	ng		99
77) Benzidine	12.74	184	1405946	54.770	ng		97
78) Pyrene	12.86	202	3200943	40.593	ng		99
80) Butylbenzylphthalate	13.47	149	1338307	39.592	ng		98
81) Benzo(a)anthracene	14.04	228	2700898	40.500	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	1032129	44.113	ng	#	98
83) Chrysene	14.08	228	2615923	40.780	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1731785	41.277	ng		99
85) Di-n-octyl phthalate	14.65	149	2712120	42.213	ng		98
86) Indeno(1,2,3-cd)pyrene	17.01	276	2268657	35.939	ng		99
88) Benzo(b)fluoranthene	15.10	252	2400494	40.590	ng		98
89) Benzo(k)fluoranthene	15.13	252	2288806	42.822	ng		99
90) Benzo(a)pyrene	15.47	252	2193822	42.632	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	1912928	39.800	ng		99
92) Benzo(g,h,i)perylene	17.45	276	1862863	40.126	ng		99

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

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