Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119415.D
Acq On : 18 Mar 2020 15:02
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF031820

Quant Time: Mar 18 17:28:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	275406	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1025727	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	513243	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	977549	20.00	ng	0.00
76) Chrysene-d12	14.03	240	726963	20.00	ng	0.00
87) Perylene-d12	15.50	264	716134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1437680	83.10	ng	0.00
7) Phenol-d6	6.48	99	1824459	82.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	1605405	85.06	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	459124	86.71	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2768355	79.91	ng	0.00
79) Terphenyl-d14	12.98	244	2993736	80.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	352332	41.235	ng	98
3) Pyridine	3.35	79	961184	40.832	ng	100
4) n-Nitrosodimethylamine	3.30	42	465664	40.565	ng	95
6) Aniline	6.52	93	1244037	40.786	ng	98
8) 2-Chlorophenol	6.64	128	775722	42.692	ng	96
9) Benzaldehyde	6.40	77	604541	43.121	ng	100
10) Phenol	6.49	94	984399	41.745	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	789949	41.885	ng	97
12) 1,3-Dichlorobenzene	6.80	146	835223	42.471	ng	99
13) 1,4-Dichlorobenzene	6.87	146	834130	42.405	ng	99
14) 1,2-Dichlorobenzene	7.03	146	784030	42.642	ng	99
15) Benzyl Alcohol	7.00	79	694256	41.762	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1632958	42.925	ng	100
17) 2-Methylphenol	7.10	107	687385	41.289	ng	98
18) Hexachloroethane	7.37	117	312221	43.312	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	554419	41.621	ng	99
20) 3+4-Methylphenols	7.26	107	861227	42.211	ng	97
22) Acetophenone	7.27	105	997051	40.680	ng	96
24) Nitrobenzene	7.44	77	843507	41.820	ng	99
25) Isophorone	7.68	82	1548321	40.442	ng	99
26) 2-Nitrophenol	7.76	139	356753	44.922	ng	97
27) 2,4-Dimethylphenol	7.79	122	668036	40.681	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	932158	41.174	ng	100
29) 2,4-Dichlorophenol	7.99	162	623836	41.345	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	693001	41.531	ng	99
31) Naphthalene	8.17	128	2189811	41.485	ng	99
32) Benzoic acid	7.90	122	486720	46.077	ng	97
33) 4-Chloroaniline	8.21	127	954584	39.467	ng	98
34) Hexachlorobutadiene	8.29	225	394977	42.306	ng	97
35) Caprolactam	8.58	113	197567	40.009	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	667850	40.498	ng	96
37) 2-Methylnaphthalene	8.86	142	1425382	41.146	ng	98
38) 1-Methylnaphthalene	8.96	142	1352206	41.239	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	627475	41.711	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	368436	43.080	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	457563	42.503	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	503330	41.736	ng		98
46) 1,1'-Biphenyl	9.33	154	1765919	42.246	ng		98
47) 2-Chloronaphthalene	9.35	162	1370990	41.871	ng		98
48) 2-Nitroaniline	9.44	65	490151	43.370	ng		97
49) Acenaphthylene	9.77	152	2132301	41.469	ng		99
50) Dimethylphthalate	9.63	163	1530117	41.972	ng		99
51) 2,6-Dinitrotoluene	9.69	165	343047	43.901	ng	#	83
52) Acenaphthene	9.94	154	1323329	41.283	ng		99
53) 3-Nitroaniline	9.85	138	420361	42.611	ng		98
54) 2,4-Dinitrophenol	9.95	184	132492	42.896	ng	#	72
55) Dibenzofuran	10.11	168	1909371	41.545	ng		98
56) 4-Nitrophenol	10.00	139	334385	42.967	ng		92
57) 2,4-Dinitrotoluene	10.09	165	445381	45.246	ng		94
58) Fluorene	10.46	166	1415202	41.641	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	387750	43.014	ng		99
60) Diethylphthalate	10.33	149	1580865	42.725	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	703916	42.354	ng		99
62) 4-Nitroaniline	10.47	138	397053	41.972	ng		95
63) Azobenzene	10.61	77	1551261	41.633	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	188640	46.020	ng		91
66) n-Nitrosodiphenylamine	10.56	169	1318498	41.086	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	457925	41.132	ng		96
68) Hexachlorobenzene	11.00	284	478903	42.029	ng		93
69) Atrazine	11.09	200	362817	41.239	ng		97
70) Pentachlorophenol	11.19	266	285626	42.751	ng		97
71) Phenanthrene	11.42	178	2103637	41.501	ng		99
72) Anthracene	11.47	178	2142058	41.580	ng		99
73) Carbazole	11.62	167	2083718	40.864	ng		99
74) Di-n-butylphthalate	11.96	149	2403980	44.071	ng		99
75) Fluoranthene	12.60	202	2283665	41.629	ng		99
77) Benzidine	12.73	184	1222400	39.733	ng		96
78) Pyrene	12.83	202	2348940	39.371	ng		99
80) Butylbenzylphthalate	13.46	149	1025632	42.504	ng		98
81) Benzo(a)anthracene	14.02	228	1895605	40.099	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	774669	41.561	ng		97
83) Chrysene	14.06	228	2001122	41.017	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1279124	44.468	ng		99
85) Di-n-octyl phthalate	14.63	149	2283565	45.139	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1814865	39.498	ng		99
88) Benzo(b)fluoranthene	15.07	252	2047870	42.809	ng		100
89) Benzo(k)fluoranthene	15.11	252	1791714	39.334	ng		99
90) Benzo(a)pyrene	15.44	252	1800719	41.420	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	1511437	39.748	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1435210	37.570	ng		98

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

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