Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
Data File : BF118798.D
Acq On : 3 Feb 2020 16:09
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF020320

Quant Time: Feb 03 16:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	293468	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1109712	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	638817	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1228945	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1042702	20.00	ng	0.00
87) Perylene-d12	15.43	264	1188461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1289798	83.19	ng	0.00
7) Phenol-d6	6.45	99	1589576	82.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	1481083	79.55	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	629392	82.34	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2932948	82.08	ng	0.00
79) Terphenyl-d14	12.93	244	3670667	72.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	287022	40.624	ng	100
3) Pyridine	3.29	79	822928	41.945	ng	98
4) n-Nitrosodimethylamine	3.23	42	293456	41.083	ng	97
6) Aniline	6.48	93	1030673	41.582	ng	99
8) 2-Chlorophenol	6.60	128	711954	41.229	ng	99
9) Benzaldehyde	6.36	77	455243	41.560	ng	98
10) Phenol	6.46	94	887680	41.482	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	676423	41.317	ng	99
12) 1,3-Dichlorobenzene	6.76	146	844493	41.086	ng	96
13) 1,4-Dichlorobenzene	6.84	146	851108	41.512	ng	98
14) 1,2-Dichlorobenzene	6.99	146	782853	39.971	ng	98
15) Benzyl Alcohol	6.96	79	625426	42.043	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	826724	41.235	ng	99
17) 2-Methylphenol	7.07	107	591937	41.231	ng	99
18) Hexachloroethane	7.33	117	302478	41.105	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	484460	41.142	ng	98
20) 3+4-Methylphenols	7.23	107	693903	38.560	ng	87
22) Acetophenone	7.23	105	966144	40.072	ng	98
24) Nitrobenzene	7.40	77	749856	40.317	ng	99
25) Isophorone	7.64	82	1329343	39.729	ng	99
26) 2-Nitrophenol	7.72	139	399466	40.307	ng	99
27) 2,4-Dimethylphenol	7.76	122	542399	40.289	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	869091	40.056	ng	99
29) 2,4-Dichlorophenol	7.96	162	652388	40.464	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	751088	39.856	ng	98
31) Naphthalene	8.12	128	2056345	40.516	ng	100
32) Benzoic acid	7.88	122	474772	42.594	ng	99
33) 4-Chloroaniline	8.17	127	903779	39.802	ng	99
34) Hexachlorobutadiene	8.25	225	463507	40.146	ng	99
35) Caprolactam	8.55	113	216223	41.369	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	662823	40.851	ng	99
37) 2-Methylnaphthalene	8.82	142	1432279	40.690	ng	98
38) 1-Methylnaphthalene	8.92	142	1360438	41.084	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	764656	39.661	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	306397	40.529	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	517078	40.106	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	525933	39.924	ng		98
46) 1,1'-Biphenyl	9.28	154	1800409	40.743	ng		100
47) 2-Chloronaphthalene	9.30	162	1482390	40.352	ng		99
48) 2-Nitroaniline	9.40	65	429055	40.494	ng		98
49) Acenaphthylene	9.72	152	2186798	41.227	ng		99
50) Dimethylphthalate	9.58	163	1767573	40.636	ng		100
51) 2,6-Dinitrotoluene	9.64	165	406262	40.819	ng		99
52) Acenaphthene	9.89	154	1422426	40.696	ng		100
53) 3-Nitroaniline	9.81	138	449247	40.701	ng		100
54) 2,4-Dinitrophenol	9.92	184	205645	42.981	ng	#	89
55) Dibenzofuran	10.06	168	2000249	39.599	ng		99
56) 4-Nitrophenol	9.96	139	328077	41.069	ng		98
57) 2,4-Dinitrotoluene	10.05	165	553285	42.007	ng		97
58) Fluorene	10.41	166	1495178	39.345	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	465788	40.487	ng		100
60) Diethylphthalate	10.28	149	1771739	41.889	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	805417	39.081	ng		99
62) 4-Nitroaniline	10.42	138	456175	41.270	ng		100
63) Azobenzene	10.56	77	1469974	40.708	ng		100
65) 4,6-Dinitro-2-methylphenol	10.45	198	282891	40.965	ng		99
66) n-Nitrosodiphenylamine	10.52	169	1432366	40.237	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	574238	39.499	ng		100
68) Hexachlorobenzene	10.96	284	664174	39.831	ng	#	92
69) Atrazine	11.05	200	462125	38.966	ng		98
70) Pentachlorophenol	11.15	266	354243	40.234	ng		99
71) Phenanthrene	11.37	178	2396819	39.639	ng		100
72) Anthracene	11.42	178	2367741	39.362	ng		100
73) Carbazole	11.57	167	2153025	40.784	ng		100
74) Di-n-butylphthalate	11.90	149	2583032	38.410	ng		100
75) Fluoranthene	12.56	202	2607506	39.497	ng		99
77) Benzidine	12.67	184	1325846	42.041	ng		98
78) Pyrene	12.79	202	2646934	37.003	ng		100
80) Butylbenzylphthalate	13.40	149	1220083	37.369	ng		98
81) Benzo(a)anthracene	13.97	228	2473189	39.860	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	1038131	40.908	ng		99
83) Chrysene	14.02	228	2448574	39.320	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1529333	36.920	ng		99
85) Di-n-octyl phthalate	14.57	149	2719558	38.324	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	2713396	43.367	ng		100
88) Benzo(b)fluoranthene	15.02	252	2966387	40.224	ng		100
89) Benzo(k)fluoranthene	15.04	252	2324846	36.202	ng		98
90) Benzo(a)pyrene	15.37	252	2479076	39.280	ng		100
91) Dibenzo(a,h)anthracene	16.90	278	2207460	39.400	ng		99
92) Benzo(g,h,i)perylene	17.32	276	2129660	39.525	ng		99

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

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